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Bulbs-Plants-Seeds  
1928-1929

from "Flowerland"

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Paul J. Howard's

HORTICULTURAL  
ESTABLISHMENT  
250 So. La Brea Ave.,  
LOS ANGELES, CAL.



P.J.H.

***J***N presenting this catalog to our customers, we have made no attempt to publish a complete list of everything we carry in stock, but our endeavor has been to make it a guide for fall and winter planting. With this in mind, we have listed only such plants that can be set out at this time, along with such suggestions as to habit, soil requirements, and whether they prefer sun or shade, etc.

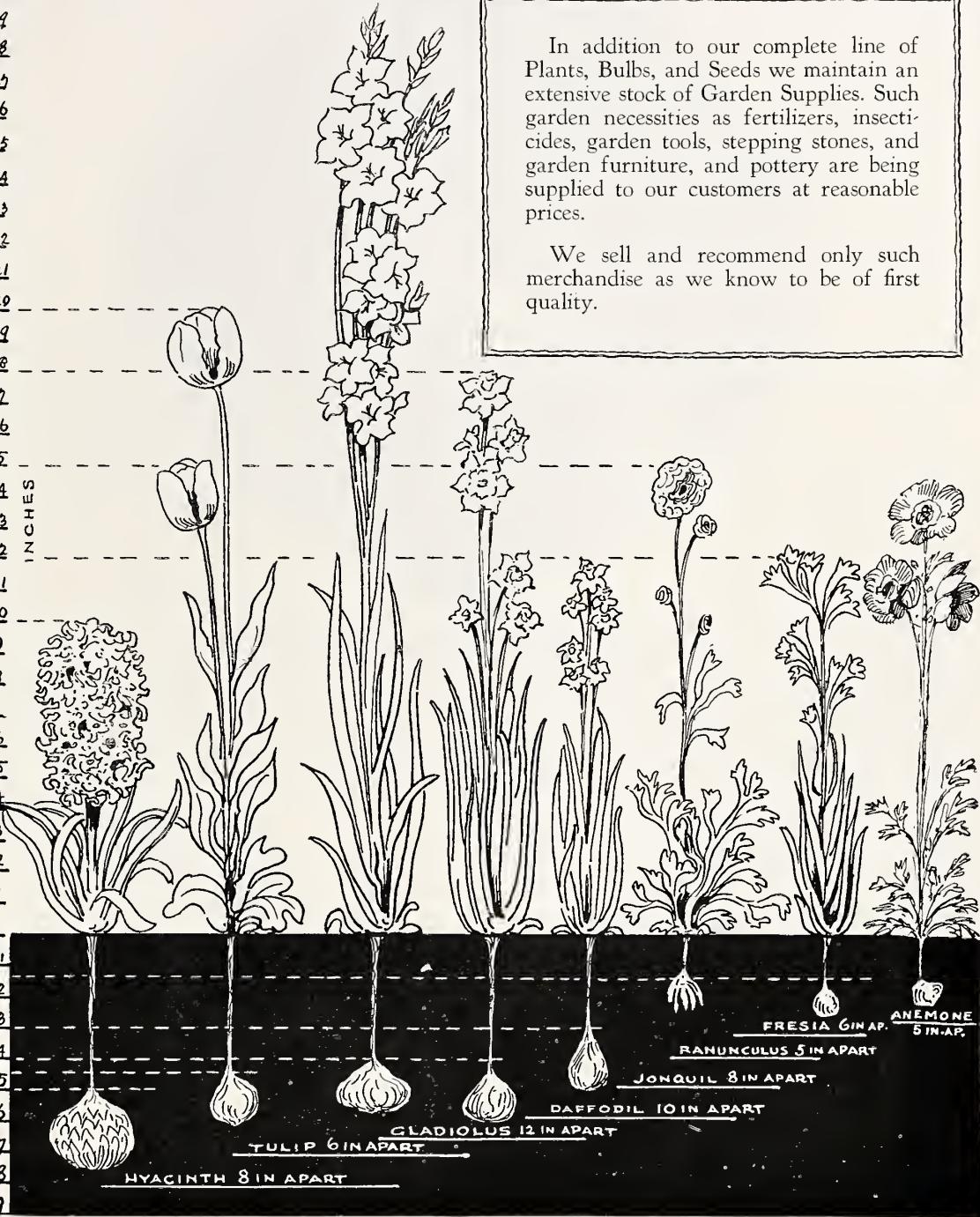
You will find this list up-to-date, listing many novelties, and recent introductions which we have found valuable.

All flowering plants which we grow, are raised from the best strains obtainable through years of careful selection and improvement, thus insuring the highest quality possible. You will find our prices reasonable, emphasizing the desirability of dealing with a long established firm, with a reputation of reliability and courteous service which has caused our business to increase so rapidly in the last two years.

We are proud of our ever increasing number of friends, and take this opportunity to express our appreciation of your patronage, and hope we may continue to be of service in the future.

Especially do we wish to call your attention to our list of perennials, which we believe is the most complete in the West. Contrary to the opinion of some, perennials are fully as valuable and satisfactory in Southern California as they are in the Eastern states, and it is just a matter of placing them in the proper locations. We are thoroughly prepared to advise you along this line, and if you do not find the desired information in this catalog, we invite you to write or 'phone us your inquiries, and they will be given our most careful and courteous attention.

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INCHES



In addition to our complete line of Plants, Bulbs, and Seeds we maintain an extensive stock of Garden Supplies. Such garden necessities as fertilizers, insecticides, garden tools, stepping stones, and garden furniture, and pottery are being supplied to our customers at reasonable prices.

We sell and recommend only such merchandise as we know to be of first quality.



## EARLY FLOWERING BULBS

When planted during September and October, these may be expected to furnish an abundant supply of brightly colored blossoms at a time of year when other flowers are not plentiful.

Prepare your flower beds carefully, spade deeply, rake them well and give them a good soaking, then let them stand a few days and give an occasional sprinkling, then rake and smooth down, making sure that the soil is well pulverized—and plant. See planting chart on inside front cover for depth and distance apart.

Bulbs require a good rich soil and it is always well to apply a liberal dressing of well rotted dairy manure after planting.

### Anemones

These brightly colored single flowers resemble a large poppy. They are very beautiful and are wonderfully effective and come in a great variety of dazzling colors, such as rose, red, blue, purple, lavender, and other attractive shades. One of spring's first flowers.

NOTE: Our success in growing and delivering Anemones in two-inch pots has been far ahead of the old way of sending out dry bulbs, and we deliver many thousand this way. We especially recommend green plants for local planting. Bulbs carry better through the mails when they are to be sent a long distance.

Before planting the bulbs soak in water over night and plant one and one-half inches deep and five to six inches apart.

Bulbs ready September 1st.

Plants ready November 1st.

Price—Extra large select bulbs:  
\$1.00 per dozen, \$7.50 per 100

Price—Medium size bulbs:  
75c per dozen, \$5.00 per 100

Price—Green plants:  
\$1.00 per dozen, \$7.50 per 100

Bulbs sent postage paid, add 10c per dozen; 50c per hundred for plants when wanted by mail.

### Ranunculus

We find an ever increasing demand for these and each succeeding year supply many thousands of bulbs. The flowers are somewhat similar to the Anemone but are more double (some are semi-double while others are exceedingly double, and still others are single) and the colors range from white, straw, yellow, orange, burnt orange, rose, pink, to bright red. A splendid cut flower.

Like Anemones, we start many thousands of Ranunculus in pots and deliver the green plants. These are grown in our lathouses where they receive expert attention until sent to our customers, when they may be removed from the pots and planted with full assurance that each one is growing.

Green plants ready October 15th.  
Price—Large size select bulbs:

\$1.00 per dozen, \$7.50 per 100

Price—Regular size bulbs:

75c per dozen, \$5.00 per 100

Price—Green plants:

85c per dozen, \$6.00 per 100

Bulbs sent postage paid, add 10c per dozen, 50c per hundred for plants wanted by mail.

PLANTING NOTE: Ranunculus bulbs should be soaked over night in luke-warm water (not hot) and planted with the claws downward. Cover one and one-half inches and mulch with tobacco stem fertilizer.



## Freesias

These popular, easily grown bulbous flowers are well known for their dainty fragrance. They are exceedingly prolific bloomers, and keep well when used as cut flowers.

### Nine Beautiful Novelties in Colored Freesias

**Amethyst.** Lavender-blue, strong and sturdy.

Price 10c each; \$1.00 per dozen; \$6.50 per hundred

**Aurora.** Yellow, suffused orange.

Price 10c each; \$1.00 per dozen; \$6.00 per hundred

**California.** Beautiful large, bright golden yellow.

Price 10c each; \$1.00 per dozen; \$6.00 per hundred

**Carmencita.** The large blossoms are carried well above the foliage on long stiff stems and are rare beauties. The color is a delicate orange salmon with buff shading on the lower petals. Price 10c each, \$1.00 per dozen, \$7.50 per hundred

**Illena.** Deep rosylavender, with orange blotch on lower petals, and a white throat.

Price 10c each; \$1.00 per dozen; \$6.00 per hundred

**June Michelson.** Deep rose pink with blush throat. One of the best.

Price \$1.50 per dozen, \$10.00 per hundred

**Mendota.** New giant clear yellow, strong vigorous grower, with long, sturdy stems.

Price \$1.50 per dozen, \$10.00 per hundred

**Mrs. Marc Peter.** Large flowered deep rosylavender, lower petals blotched orange and yellow.

Price \$1.50 per dozen, \$10.00 per hundred

**Olivette.** A new color in Freesias and one of the brightest of all. Bright carmine red with light yellow throat with lower petals of deep yellow throat with crimson veins.

Price \$1.00 per dozen, \$7.50 per hundred

The newer colored Freesias are really gorgeous in beds or as cut flowers, and should be freely planted in all gardens. They are very easily grown, and take very little room, as the bulbs should be planted quite close together (about three inches apart).

## Baby Gladioli

(POLYANTHA OR EARLY FLOWERING VARIETIES)

The Baby Gladioli are very useful for planting in the flower beds or borders. The flower spikes are exceptionally bright and graceful, which makes them splendid material for decorative work.

**Ackermani.** Bright orange scarlet with dark blotch.

**The Bride.** Clear, pure white.

Price 75c per dozen, \$5.00 per hundred, postpaid.

**California Pink Perfection.** This is an improvement over the older variety "Peachblossom", finer in every way. A beautiful shade of pink.

**Fiery Knight.** Brilliant red.

**Rosy Gem.** Deep rose.

## Spanish Iris (IRIS HISPANICA)

Are among the most popular of all spring flowers, both for cutting and for garden decoration. Their orchid-like flowers are borne on tall stems and are most pleasing shades of yellow and blue.

Price \$1.00 per dozen, \$7.50 per 100, postpaid.

## Dutch Iris (HOLLAND IRIS)

This is an improved Spanish Iris, being larger in size and clearer, brighter in color, also blooms considerably earlier.

Plant Spanish and Dutch bulbs early.

Price 10c each, \$1.00 per dozen, \$7.50 per 100 postpaid.

## Snow Drops (GALANTHUS)

These little flowers are the first to appear in spring, being even earlier than the Crocus. They are hardy and once planted will continue to come into bloom very early each spring.

**Single Galanthus.**

**Double Galanthus.**

Price 10c each, 75c per dozen, \$5.00 per 100 postpaid.

## Popular Varieties

**Improved Purity.** Even larger and finer than the popular white variety.

Price 50c per dozen, \$3.50 per hundred

**Purity.** Very large flowering, snowy white and exceedingly fragrant.

Price 25c per dozen, \$1.50 per hundred

**Rainbow Freesias.** The wonderful new colored Freesia in varied hues of yellow, orange, lavender and pink, all beautifully blended and harmonized.

Price 75c per dozen, \$5.00 per hundred

**General Pershing.** Extra strong grower, two feet high, with three to five side sprays. Large open flowers, of lavender pink with just a tinge of bronze.

Price 75c per dozen, \$5.00 per hundred

**Splendens.** Like a mammoth wood violet. A fine lavender, the lower petals being a deeper blue. Very beautiful and distinct.

Price 75c per dozen, \$5.00 per hundred

**Yellow Prince.** A lovely clear yellow Freesia that adds greatly to the beauty of a bouquet.

Price 75c per dozen, \$5.00 per hundred

## Freesia Bulbs Sent Postage Prepaid

Plant Freesias early. Bulbs are ready August 15th, and can be planted as soon thereafter as you like. Plant the bulbs  $1\frac{1}{2}$  inches deep in well pulverized garden soil and keep fairly moist at the time.

## Ixias

Charming little bulbous flowers from the Cape of Good Hope. The small, brilliantly colored blossoms are of various hues and are borne on good stiff stems. Splendid for cutting, should find a place in every garden. Fine mixed colors.

Price 60c per dozen, \$4.00 per 100 postpaid.

## Six New Named Varieties of Ixias

**Crateroides Major.** A wonderful variety of a deep carmine-red color.

**Evalina.** Pure white, with bright red eye.

**Englishtona.** Glowing crimson-pink.

**Mozart.** Bright yellow.

**Vulcan.** Crimson and orange, very striking.

**Wonder.** Double flowers of a beautiful shade of pink.

Price of above varieties 10c each, \$1.00 per dozen,

\$7.50 per hundred postpaid.

## Sparaxis

Sparaxis is a group of spring blooming bulbs which are similar to the Ixia with spikes of funnel shaped, six petaled flowers, and with a varied range of colors.

Plant through September, October, and November.

Price 75c per dozen, \$5.00 per 100 postpaid.

## Leucojum Vernum (SPRING SNOWFLAKES)

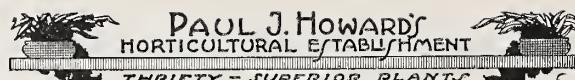
Snowflakes blossom very early, making a fine display of pendant, white-tipped-with-green flowers. Attractive in the garden and desirable for cutting.

Price \$1.00 per dozen, \$7.50 per hundred

## Montbretias

Montbretias are among our brighter summer flowering bulbs and when once planted are almost permanent. The colors are principally orange-yellow and brown with scarlet and crimson shadings.

Price 75c per dozen, \$5.00 per hundred postpaid



## Agapanthus Umbellatus

Lily of the Nile. A most desirable plant for garden planting. Its clusters of bright blue flowers are borne almost continuously through the summer months.

Alba. Identical with the above except with pure white blooms.

Price—Large plants, 50c each, \$5.00 per dozen

## Alstroemeria Aurantiaca

For several years these beautiful tuberous rooted flowering plants have been grown by Eastern Gardeners in greenhouses and in protected places out-of-doors, but have not been distributed to any extent in California. We find that our climatic conditions are admirably adapted to their culture in the open garden.

The tall, slender canes are in themselves most attractive and together with the beautiful umbels of lily-like blossoms they are unusually beautiful. The flowers are bright yellow tipped green with brown spots in the center.

Established plants from 4-inch pots.

Price 35c each, \$3.50 per dozen, \$25.00 per hundred

PLANTING NOTE: Plant in a partially shaded place in well prepared soil; leafmold will be found best.

## Amaryllis

The Amaryllis family includes many of our most attractive summer and autumn bulbous flowers. They are easily grown in all parts of the country and with little extra care will prove one of the most satisfactory flowers in the garden.

### Amaryllis Hybrids

(GIANT FLOWERED AMARYLLIS)

This selection of giant bloomers in wonderfully varied and brilliant coloring, has been produced by expert growers and is a selection of the best types and colors from thousands of seedlings produced from hand hybridized flowers. They range in color from pure white ground with its markings of rose, red, etc., to rich orange-scarlet, bright red, crimson, maroon colors in their various hues. The flowers are enormous, often measuring nine to ten inches in diameter with five to six flowers to an individual stem.

Do not fail to order a dozen or so of them.

Bulbs ready November 15th.

Price 50c each, \$5.00 per dozen

Amaryllis Belladonna. Very fragrant; this variety loses its foliage before the flower stalks come, when care should be taken not to disturb the bulbs. The blooming time is in August, when the strong flower spikes issue forth from the ground and soon develop clusters of beautiful clear pink blossoms. Ready October 15th.

Price 20c each, \$2.00 per dozen

## Calla Lily

### Yellow Calla

These are well worthy of a place in every flower lover's garden. They are so beautiful as to call the attention of all who pass by them. The leaves are large and bright green with regular silver markings, almost like they had been carved with a knife, while the flowers are of the clearest butter yellow.

Dry Bulbs—Price 35c each, \$3.50 per dozen

Ready October 15th.

Potted plants through the summer months  
50c to \$1.00 each

### White Calla

(LILY OF THE NILE)

Excellent for planting in beds or along the shady side of a building.

Price 20c each, \$2.00 per dozen

## Elephant's Ear

(CALADIUM ESCULENTUM)

One of the most common and yet the most effective of foliage plants in the garden. The mammoth elephant's ear-like leaves are extremely decorative. Excellent for planting in semi-shaded location where plenty of moisture is assured.

Price 50c each, \$5.00 per dozen

## Hemerocallis

(YELLOW DAY LILY)

Hardy plants of the lily family. Succeeding in any sunny location. They should always be included in the perennial garden.

Flava. Fragrant lemon yellow.

Aurantiaca. Rich orange yellow.

Price 25c each, \$2.50 per dozen

## Lapeyrouisia

(FLAME FREESIA)

A pretty flower with a long stem and bright orange red flowers borne in the manner of a Freesia.

Price \$1.00 per dozen, \$7.50 per hundred

## Muscari

(GRAPE HYACINTH)

Very pretty little plants, with spikes of bloom resembling bunches of grapes.

Heavenly Blue. Bright clear blue.

Price 75c per dozen, \$5.00 per 100

## Ornithogalum

(STAR OF BETHLEHEM)

This bulb throws up spikes about 18 to 24 inches high, with clusters of star-shaped blossoms of pure glistening white, with a shiny black center. Very easily grown and after once planted can be left in the ground for many years.

Price 10c each, 75c per dozen, \$5.00 per 100

## Scilla

(SQUILL)

Nutans. Pretty bulbous plants of easy culture. Flowers are blue, rose, or white and lilac. Thrives best in partly shaded location.

Price 10c each, \$1.00 per dozen, \$7.50 per 100

## Tritonia Crocata

Similar to lapeyrouisia with bright salmon-colored flowers.

Price \$1.00 per dozen, \$7.50 per hundred

## Tuberoses

(POLIANTHES TUBEROSA)

Easily recognized by its exquisite fragrance and beautiful flower spikes which are borne on long stems, making it ideal for cutting.

The Pearl. The best of all tuberoses—produces exceptional flower spikes. Very double.

Price—Mammoth bulbs, 15c each, \$1.50 per dozen

## Watsonias

You will enjoy these gladiolus-like flowers blooming as they do in the early springtime, (usually about Easter) for several weeks. They grow quite tall, three to five feet, and are splendid for cutting as they last so well.

Watsonia O'Brienii. A lovely pure white form. Easily grown and especially attractive when planted with the colored varieties.

Watsonia O'Brienii Rosea. Identical with the above except in color, which is a clear rose-pink.

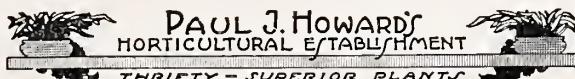
Price 10c each, \$1.00 per dozen, \$7.50 per 100

## Two Splendid New Watsonias

Clementina. This is a variety well worth growing and is something new in color, being a clear bright pink. The flower spikes are large and bear perfect blossoms.

Mrs. E. Birney. A deep rose pink without the slightest touch of magenta. The individual florets are large and well formed and it blossoms to the end of the flower stalk.

Price 20c each, \$2.00 per dozen, \$15.00 per 100



## DUTCH BULBS IMPORTED FROM HOLLAND

### HYACINTHS

**I**N SELECTING and importing our Dutch bulbs we have been careful to secure only the best and most practical varieties, rather than to display an endless list of untried kinds with which we are not absolutely satisfied ourselves. However, our stock will be found complete in every way. We have all types, classes and colors represented, and each variety offered can be planted with full assurance that the best bulbs obtainable are being planted.

Our bulbs are shipped direct from the growers in Holland which eliminates extra handling and possibilities for mistakes in labeling varieties, as the bulbs come direct from the Holland Bulb Fields to our store. To make a long story short, we have a splendid lot of first-class bulbs of the choicest and most reliable varieties.

#### Time for Planting Dutch Bulbs

Bulbs usually arrive in October and may be planted as soon as desired after their arrival. October, November and December are the best months for planting bulbs, but some of the most successful planters have planted bulb gardens in January, and as late as February. We strongly recommend the early planting as these almost always produce the better flowers.

Whether forced in the house or planted in the garden, the Hyacinth is one of the easiest of flowers to grow. With but simple treatment it will produce gorgeous spikes of the most fragrant flowers.

We carry extra selected first size bulbs only, as they can always be relied on to produce large full spikes of perfect flowers and are admirably adapted for forcing, bedding or pot culture. We can supply the following splendid varieties:

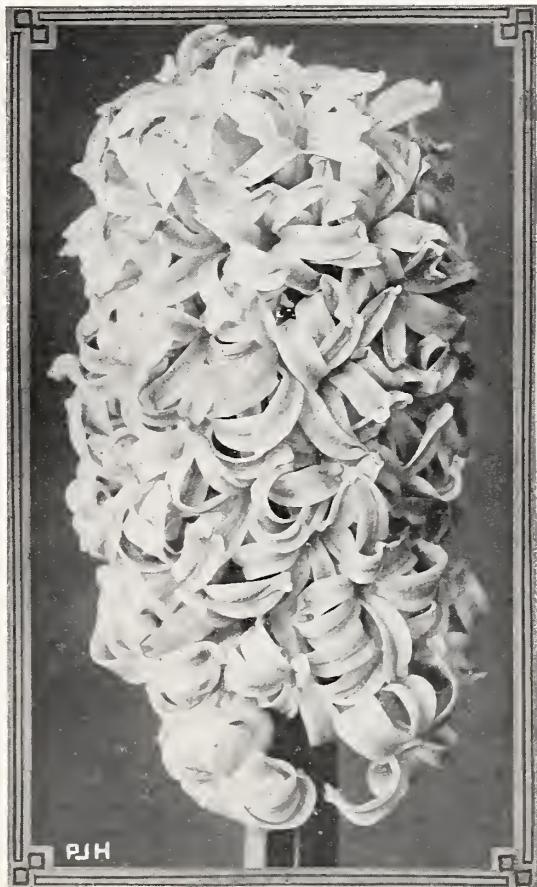
- Captain Boynton. A clear porcelain blue.
- Cardinal Wiseman. Clear bright rose.
- City of Haarlem. Pure golden yellow.
- Daylight. Orange yellow.
- Gertrude. Rosy pink, extra fine.
- Gigantea. Soft blush pink.
- Grand Maitre. Deep lavender blue.
- King of the Blues. Large spikes of dark blue blossoms.
- La Grandesse. Glistening white.
- La Victorie. Brilliant dark carmine rose.
- L'Innocence. Pure white. Very fine large flowers.
- Marie. Dark blue.
- Perle Brilliant. Light blue, extra size.
- Queen of the Blues. Large spikes of azure blue.
- Queen of the Pinks. Beautiful rosy pink; extra long flower spikes.

Price 25c each, \$2.50 per dozen, \$20.00 per hundred

#### The Culture of Hyacinths

For indoor culture, the bulbs should be potted before December 1st, planting two bulbs to each six-inch pot. Soak thoroughly and place in a dark room or bury in the garden for at least four weeks. If a good basement is convenient, it is the best place for the bulbs after potting. Keep moist while in the basement and do not bring out until the foliage is three to four inches high. At this stage root growth has been made and the pot may be brought to a light room, but not placed directly in the sun until the foliage has become green. Keep moist and at an even temperature. If desired to hasten the growth, a temperature of 100 degrees will not hurt Hyacinths, but it is better to grow them some cooler than this. When the blossom begins to appear, take to a cooler room.

For outdoor culture the Hyacinth requires a good soil and rather deep planting. It is best to spade the soil to a depth of 12 inches or more, and thoroughly water before planting; after this the bed may be leveled down by raking, then plant the bulbs five or six inches apart. It is well to mulch with some well rotted manure, a covering of one or two inches will be sufficient.



Hyacinth

**Note:** In ordering bulbs, to be shipped via Parcel Post, please enclose additional for postage at the following rate, unless listed prepaid:

10c per dozen bulbs; 20c for 50 bulbs, and 30c for 100 bulbs.



## NARCISSUS

The Narcissus Family embraces a wide range of forms and colors and when these are combined in beds or borders, they make the best floral effect possible. Their uses are numerous, and in every home and garden there is some place for them to be used. We know of nothing more charming than a large bed planted with the various forms, Daffodils, single and double, cluster Narcissus in various colors, and Jonquils with their sweet fragrance, or a border composed of some of the more striking varieties.

Another feature of these bulbous flowers is their lasting qualities. They naturalize wonderfully well and each succeeding spring, they bring lasting joy with them.

### Chinese Sacred Lily

This is the most popular bulb for growing in a dish or bowl of water. The bulbs should be placed on some coarse sand or pebbles in the bottom of a dish, and enough water should be added so that just the bottoms of the bulbs are covered. The dish should then be placed in a cool place and kept rather dark for two or three weeks. As soon as the tops and roots have become well started the dish can be kept in the ordinary living room temperature, where they will come into bloom, brightening the room with their cheerful color and fragrance.

Our bulbs are extra large and will produce several flower spikes to one bulb.

Price 25c each, \$2.50 per dozen

### Large Trumpet Narcissus or Daffodils

**Emperor.** One of the finest of the deep yellow trumpet flowered daffodils in cultivation. Flowers are very large. Deep primrose perianth; full, rich, yellow trumpet.

**Empress, Queen of Daffodils.** This is a strikingly beautiful daffodil and is an excellent companion for Emperor. Flowers are very large, perianth is pure white, while the trumpet is a clear rich yellow.

**Glory of Sassenheim.** A very large bicolor, with creamy white perianth and pure yellow trumpet.

**Major Trumpet.** A free flowering clear yellow daffodil. Very early.

**Princeps.** A favorite white and yellow variety.

Price of above 5 varieties 15c each, \$1.50 per dozen, \$11.00 per 100

**King Alfred.** The largest and best of all daffodils. A truly grand variety bearing immense clear yellow flowers, the trumpet being beautifully frilled. Extra fine.

**Olympia.** Larger than Emperor and very free flowering. Rich deep yellow.

**Van Waveren's Giant.** An extra large daffodil with a pale primrose perianth and bright yellow, fluted trumpet.

Price 25c each, \$2.50 per dozen, \$18.00 per 100

**Robert Sydenham.** A beautiful variety with perfect sulfur yellow perianth, and a large frilled yellow trumpet.

Price 35c each, \$3.50 per dozen, \$25.00 per 100

### Double Daffodils

**Orange Phoenix.** White with orange base.

**Sulfur Phoenix.** White with pale yellow center, turning to pure white.

Price 20c each, \$2.00 per dozen, \$15.00 per 100

**Primrose Phoenix.** A very large rose-shaped blossom of clear primrose yellow.

Price 25c each, \$2.50 per dozen, \$18.00 per 100

**Von Sion.** Pure Golden yellow.

Price 15c each, \$1.50 per dozen, \$11.00 per 100

### Polyantha Narcissus

**Grand Monarque.** Small orange cup; flat white perianth.

**Paper White or The Pearl.** Clusters of pure white flowers.

**Soleil d'Or.** Yellow perianth; orange cup; very fine.

Price 15c each, \$1.50 per dozen, \$10.00 per 100



Sir Watkin



Poeticus Ornatus

## Crown Daffodils

This beautiful class of Narcissus is becoming increasingly popular, as it becomes better known. The flowers are delicately beautiful and really more artistic than the well known "Trumpet" daffodils. Instead of the long trumpets, the crown varieties have short cups or "crowns", many beautifully frilled and some edged with bright orange or scarlet. They are all easily grown, and quickly establish themselves in the garden in permanent clumps.

### Red Crown Varieties

**Admiration.** Six to eight flowers on one stem, pale yellow, cups edged scarlet.

**Orange Cup.** Another Poetaz, or large flowered cluster type. Creamy white with bright orange cups. Six to eight flowers on stem.

**Red Chief.** White with a broad flat cup with a broad band of bright crimson scarlet. A very showy variety.

**Thelma.** Poeticus type. Snow white perianth with over-lapping petals; cup light yellow, edged bright scarlet. Very distinct and striking.

Price 35c each, \$3.50 per dozen, \$25.00 per 100

**Blood Orange.** Lemon yellow petals with bright orange scarlet eye. Similar in type to Poeticus Ornatus.

**Conspicuous.** A beautiful sort which lasts exceptionally well when cut. Perianth is a soft yellow; broad cup edged bright orange scarlet.

**Firebrand.** Very distinct. Creamy white perianth and fiery red cup.

**Horace.** A fine "Poeticus" type. Pure white perianth, conspicuous red eye. Free flowering.

**Lorens Koster.** Five to seven flowers on a stem. Pure white with orange cups.

**Lucifer.** Splendid white perianth, glowing orange-red cup.

**Lucrece.** Pure white with orange cup. Four to six flowers on stem.

**Ornatus (Poeticus type).** White perianth, light yellow cup, margined red.

**Recurvus.** Poet's Narcissus or Phaeasant's Eye.

Price 15c each, \$1.50 per dozen, \$11.00 per 100

### All White and Primrose Crowns

**Evangeline.** Large pure white perianth, with soft lemon cup. Fine.

**Mrs. Langtry.** Pure white.

**White Lady.** Pure white perianth with a pale canary yellow cup.

Price 15c each, \$1.50 per dozen, \$11.00 per 100

### White and Yellow Crowns

**Elvira.** Cluster of three to four large flowers. Pure white with yellow eyes.

**Sir Watkin.** Pale sulfur perianth, deep yellow cup. The largest of the "Crown" class.

Price 15c each, \$1.50 dozen, \$11.00 per hundred

### Jonquils

These are the true sweet scented Jonquils which bloom very early in the spring. Their perfect little blossoms are of the deepest yellow and are wonderfully attractive. They have been garden favorites for years, but their popularity during recent years has increased.

**Campernel Regulosis.** Rich yellow, sweetly scented. Usually about two flowers to a stem.

**Jonquilla.** Old fashioned favorite Jonquils. Sweetly scented.

Price 15c each, \$1.50 per dozen, \$11.00 per hundred



### CROCUS

The Improved Strains are noted for large flowers and bright colors. They are entirely hardy, and like a rich, dry soil and sunny location. They are suitable for planting in beds and borders, also for edging in ribbon lines of desired color; for planting in the grass in lawn or yard. Crocuses are also very highly valued for indoor flowers.

**How to Grow Crocuses:**—One inch is deep enough to plant. If planted deeper they may not bloom. It is best not to plant in even rows, and a good plan is to scatter them over the lawn and plant where they happen to fall. Just dig up a piece of sod and put two or three bulbs in each spot. For indoor growing they are fine, but do not expose them to heat or they will not flower. Plant six to eight bulbs in a 5-inch pot.

**Baron von Brunow.** Deep purple.

**King of the Whites.** Pure white.

**Sir Walter Scott.** White striped lavender blue.

**Yellow Mammoth.** Extra large yellow.

Price 10c each, 75c per dozen, \$7.50 per hundred

### PLANTING NOTE

Narcissus bulbs should be planted deep, about 4 to 6 inches, depending on whether the soil is heavy or light. The soil should be moist and workable when planting. After planting, water thoroughly, and mulch with suitable material. Then do not water much until the leaves appear above the ground. The polyanthus and crown varieties are very suitable to naturalizing, and they may be planted in permanent locations, to bloom more freely each succeeding year.



### Mayflowering Tulips

This class is very desirable for California, where the early Tulips do not grow tall enough to make them desirable for outdoor culture. For cut flowers nothing better can be found than these large Tulips with their long stems. They live for a long time in water and retain their color. These Mayflowering sorts are most valuable because they carry "Tulip time" into the late spring.

Bouton D'Or. Pure golden yellow.  
Gesneriana Spathulata. Dazzling scarlet.  
Inglescombe Pink. Rose pink tinted salmon.  
Inglescombe Yellow. Bright orange yellow.  
Mrs. Moon. A very deep yellow.  
Royal White. Pure white creamy center.  
The Fawn. Rosy fawn, shaded blush.  
Price 10c each, \$1.00 per dozen, \$7.50 per hundred  
(Tulips continued on page 8)

### Breeder Tulips

This is a large flowering Tulip, especially prized for its rich colors which generally contain a trace of golden bronze, flowers about the same size as the Darwins. They may be planted in pots or bedded in the garden, and make a most valuable addition in either place.

Bronze Queen. Buff tinted apricot.  
Price 10c each, \$1.00 per dozen, \$7.50 per hundred  
Cardinal Manning. Rosy violet, flushed dull bronze.  
Price 15c each, \$1.50 dozen, \$10.00 per hundred  
Copernicus. Dark coppery bronze, old rose. New.  
Price 15c each, \$1.50 dozen, \$10.00 per hundred  
Fairy. Terra cotta tinged bronze.  
Price 15c each, \$1.50 dozen, \$11.00 per hundred  
Golden Bronze. Old gold shading golden bronze.  
Price 10c each, \$1.00 per dozen, \$7.50 per hundred  
Medea. Crushed strawberry, heliotrope shadings.  
Price 10c each, \$1.00 per dozen, \$7.50 per hundred  
Yellow Perfection. Bronzy yellow, shaded deep golden.  
Price 10c each, \$1.00 per dozen, \$7.50 per hundred

## TULIPS

We have made a careful study of varieties and classes of tulips that are best adapted to our California climate. We are sure that a planting of the varieties listed here will more than repay you for your efforts by producing a goodly supply of beautiful flowers. Reports from customers and our success in growing the various types of Darwin, Breeder and May flowering Tulips have been very gratifying indeed.

### Darwin Tulips

Clara Butt. Soft salmon pink. Very fine.  
Edmee. Cherry rose, margined silvery pink.  
Euterpe. Rose lilac, incurving petals.  
Faust. Deep violet.  
Farncombe Sanders. Rich rosy scarlet.  
La Tulipe Noire. The black tulip.  
Mme. Krelage. Rosy pink tinged lilac.  
Pride of Haarlem. Brilliant deep rosy red.  
Psyche. Soft rose, long stems.  
Rev. Ewbank. Heliotrope edged lavender.  
White Queen. White tinged pink.  
Price of above—10c each, \$1.00 per dozen, \$7.50 per hundred  
Mixed. Splendid mixture.  
Price 75c dozen, \$5.00 per hundred.  
William Pitt. Deep scarlet tinted purple, white center.  
Price 15c each, \$1.50 per dozen, \$11.00 per hundred  
Chinese Sacred Lily



**SEEDS OF**—Calendula, Centaurea, Cineraria, Nemesia, Cosmos, Pansy, Primula, Stocks, Christmas Flowering Sweet Peas. Sow hardy perennials for next year of Aquilegia, Canterbury Bells, Foxglove, Hollyhocks, Delphinium, Pentstemon, Verbena, Viola, Wallflower.

**PLANTS OF**—Stocks, Snapdragons, Pansies, Centaurea, Nemesia, Calendula, Didiscus, Violets.

**BULBS**—Callas, Freesias, Ranunculus, Anemones, Baby Gladioli, Spanish Iris, Paper White Narcissus, Watsonias.



## LILIES OF JAPAN (HARDY JAPANESE LILIES)

The tall stately lilies with their masses of blossoms have a charm that is not surpassed by any other flower. They are becoming more popular each year, and all herbaceous gardens should have a few lilies scattered through them.

Plant them where they will be partially shaded and where other plants will grow up around them. In this manner the soil is kept cool and moist, which is so necessary for their welfare.

**Lilium Auratum** (Gold Banded Lily). Its large, graceful flowers are made up of six petals of ivory-white spotted with yellow and crimson, with a band of golden-yellow in the center of each. Borne on stems four feet tall, bloom during July and August.

**Lilium Speciosum Rubrum**. A favorite garden variety, also good as a cut flower. Flowers are a rosy-white which is only broken by rich crimson spots. Stems three to four feet high, bear these attractive blossoms in clusters. Flowers keep for a week after cutting.

**Lilium Tigrinum Splendens** (Improved Tiger Lily). This is one of the most easily grown of bulbous flowers. And each succeeding year after planting them, you may expect to reap a harvest of bright orange-red blossoms. These are regularly spotted with black. Very showy in the garden and wonderful for decoration.

**The Regal Lily (Lilium Myriophyllum)**. This is a new lily lately introduced from Western China, and is undoubtedly one of the most beautiful Garden Lillies ever cultivated. It grows three to five feet high, and blooms well in soils of the ordinary garden and produces each succeeding spring a wonderful display of bloom. The throat of the flower is a lovely shade of golden-yellow merging through the upper half of pure white. The reverse of the petals is a distinct shade of chocolate-red. There are often a dozen to twenty blossoms on one spike or stem. Flowers may be cut when the first flowers of the lower part of the spikes begin to open, and then placed in water where all of the buds will open perfectly. The flowers are intensely fragrant—very much like the Jasmine.

**Lilium Harrisii**. (Bermuda Easter Lily). Flowers are pure snowy white and very fragrant, and are borne in beautiful clusters on strong, upright stems. Grows well in the garden.

**Lilium Candidum**. (The Madonna Lily). Some call this the Annunciation Lily, which is a very appropriate name for it. It is one of the oldest and most lovely of the lily family. The flowers of which there are three to twenty on a single stem, are snowy white with deep yellow stamens, and are delightfully fragrant.

**Lilium Henryi**. A rare and very beautiful lily from China. The flower stalks, three to five feet high, carry five to eight large flowers, the petals of which curve outward, and are a rich apricot spotted brown.

**Lilium Humboldti**. The beautiful native California tiger-lily, growing four to five feet high, with a very stout stem bearing many large orange red flowers, spotted with small maroon dots.

**Lilium Giganteum**. Easter lily. Pure white lily often grown in pots for Easter blooming. Beautiful also in the garden.

Prices—Any of the above Lilies, 35c each, \$3.50 per dozen

Bulbs ready November 15



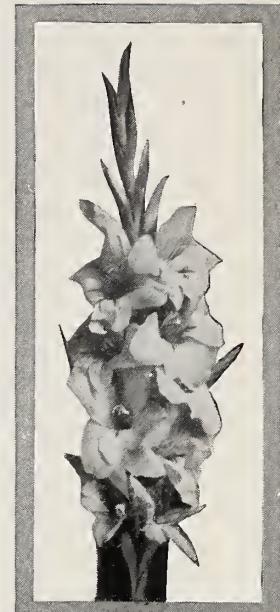
**NOTE:** If you have not grown Japanese Lilies, you cannot really appreciate their beauty in the garden. Just make a trial planting, selecting a few of each variety, and plant in a semi-shaded location where other plants will grow around them (in the fern bed is good, if not too crowded). The soil should be fairly light, leafmould is good. Cover three or four inches and supply an even amount of moisture. We feel sure you will be well repaid for the effort.

**Note:** In ordering bulbs, to be shipped via Parcel Post, please enclose additional for postage at the following rate, unless listed prepaid:

10c per dozen bulbs; 20c for 50 bulbs, and 30c for 100 bulbs

# GLADIOLI

## The Universal Flower



Gladioli are fast becoming popular everywhere. They are among our most attractive and useful summer-flowering bulbs, producing large spikes of perfect blooms in many fascinating colors.

Few flowers are so easily grown as gladioli. They thrive in ordinarily good garden soil where plenty of sunshine and moisture are provided. Prepare a bed of loose loam by spading ten to twelve inches deep, plant the bulbs four inches deep and mulch with well rotted manure, or tobacco-stem fertilizer. The soil should be kept moist continually but care must be taken not to over-water. It is also well to stake with light garden stakes, as the flower spikes are quite heavy.

Gladioli are very effective planted in groups among shrubbery and other places where color is desired, and they succeed just as well as when planted in flower beds.

Bulbs should be planted at regular intervals, beginning early in autumn and continuing through spring. By planting this way, you will be supplied with flowers continually.

Our bulbs this year as always, are extra large, and will produce the largest spikes of bloom possible. You will find in the following list, just the colors you want, and we have selected varieties noted for their strong growth, free blooming qualities, size of spikes, and purity of color, and have included several novelties that have proved very desirable and distinct.

### The Best of the Well-Known Varieties

Price of any of this collection 75c per dozen, \$5.00 per hundred

**America.** One of the finest varieties for either bedding or cutting. Beautiful soft flesh-pink.

**Gretchen Zang.** Large sparkling blooms of a beautiful shade of soft pink, blending into scarlet on the lower petals.

**Halley.** Large open flowers of salmon pink.

**Mrs. Frank Pendleton.** Conceded to be one of the best varieties yet introduced. The flowers are of large size, borne on strong straight stems. The color is a lovely light rose, with deep crimson blotches in the center. The Orchid Gladiolus.

**Myra.** Primulinus type. Good sized flowers of a deep salmon color.

**Peace.** Large white flowers, with orchid blotch in lower petals.

**Prince of Wales.** Charming coral pink flowers, large, and well placed on long spike. The delicate tint practically covers the whole flower, which is without throat markings.

**Schwaben.** A most meritorious variety, bearing strong, erect spikes; and large, well expanded flowers of a clear canary yellow, with a small blotch of deep garnet in the throat.

**Special collection offer:** Two each of the above eight varieties, separate and labeled, \$1.00. Six of each of the eight varieties,

\$2.50 Postpaid.

### Varieties of Late Introduction

Price of any in this collection; 15c each, \$1.50 per dozen, \$10.00 per hundred

**Baron Hulot.** Tall spike of rich deep violet-purple, with trace of golden-yellow in the throat.

**Early Sunrise.** This is a particularly good variety, blooms early and is of good substance, and the color is of the brightest salmon.

**Empress of India.** An unusual shade of rich, deep, velvety maroon, almost black. Fine large blossom.

**Golden Measure.** The best true yellow gladiolus. Clear, pure yellow, overlaid with a golden sheen. A real beauty.

**Liebcsneur.** A very attractive large flowering gladiolus in a fine shade of bright coral scarlet. An excellent variety for cutting, with well formed spike of very large flowers.

**Mary Fennel.** Beautiful deep lavender flower on a tall, slender spike. Lower petals penciled with yellow.

**Rose Ash.** The color of this variety, as the name indicates, is ashes of roses, lower petals shaded with light yellow. A beautiful and unique gladiolus with long spikes of large flowers.

**Glory of Kennemerland.** Very rich, deep rose, with golden-yellow blotch and throat. Flower very large, of wide-open bell shape, with rounded petals. A most attractive variety.



## Superior Newer Varieties

Price of any in this collection; 10c each, \$100 per dozen, \$7.50 per hundred

**Alice Tiplady** (Primulinus). A truly beautiful variety and an entirely new and distinct color. The strong, slender flower spikes are very graceful and are well filled with prettily shaped blossoms of a rich orange-saffron. A basket of these well arranged is a wonderful sight.

**Black Pansy.** Rich, velvety red, almost black, livened with a lighter pansy-like throat. Very striking.

**Crimson Glow.** Deep scarlet red, lighter in throat. Extra large flowers on long straight spike. One of the best scarlets in existence.

**Dorothy Wheeler.** Shrimp pink, over laid and suffused peach-red. Flowers are very large and are borne on a good spike. A splendid new variety.

**E. J. Shaylor.** Tall growing. The flower spikes are strong and unusually long, while the well rounded blossoms completely cover the spikes well to the tip. The color is a deep rose pink.

**Evelyn Kirtland.** Dark rosy pink at edges, shading to shell pink at center, with brilliant scarlet blotches on lower petals. Flowers slightly ruffled; an unusually beautiful variety.

**Herada.** A beautiful pure mauve, glistening and clear, with deeper markings in the throat. Immense blooms on tall straight spikes.

**Joe Coleman.** A fine large variety of a very rich, deep red.

**Magic.** Excellent lavender-blue, with deep violet throat. Very tall spike.

**Mrs. Dr. Norton.** Immense flowers; creamy white over-laid with soft pink ends of petals showing a charming picotee of deeper pink, while the center is delicately tinted yellow.

**Myrtle.** One of the prettiest pink gladiolus we know; a delightful shade of delicate rose pink. Early bloomer.

**Purity.** Same size form as America, but the petals have more substance. Pure white, with pale pink stripe in center of lower petals.

**Topaz.** Richest salmon-pink, tinted buff. A most refined and elegant variety.

**Virginia.** The most popular red gladiolus grown. Individual flowers are large, full and perfect; the flower spikes are well developed, blooming well to the terminal, producing a magnificent bright red flower.

**1910 Rose.** Very large flowers. Pure rose-pink of extra fine shade. Narrow white central line on lower petals.

## Georgeous Novelties

THAT SHOULD BE IN EVERY COLLECTION

**Byron L. Smith.** Equal to an orchid in beauty. The well formed blossoms are borne on good flower spikes and are a most pleasing shade of lavender-pink. One of the best.

Price 20c each, \$2.00 per dozen, \$12.00 per hundred.

**Duchess of York.** A beautiful violet-blue, the most nearly true blue of any gladiolus. Well formed flower spikes.

Price 20c each, \$2.00 per dozen, \$12.00 per hundred.

**Fay Lanphier.** Glistening, warm watermelon pink, suffused coral. A most lovely new gladiolus with enormous flowers well placed on a long, graceful stem. Many flowers are open at one time. Very strong and vigorous.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

**Jack London.** A perfect gladiolus in every way, with long spikes of large flowers of a light salmon, with vermillion stripes. The throat is canary yellow striped with ruby.

Price 20c each, \$2.00 per dozen, \$12.00 per hundred.

**Los Angeles.** Beautiful new color in gladioli, coral pink with salmon tints, shading to lighter pink near throat. Lower petals striped scarlet in center. Similar in color to the Los Angeles rose. A very free blooming variety, and a popular cut flower.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

**Mrs. H. E. Bothin.** Light rose-pink with flame center. A heavily ruffled flower, creating a sensation wherever grown. One of the loveliest gladioli.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

**Rev. Ewbank.** This is without doubt one of the best blue gladioli on the market. The flowers are large and open, well arranged on long graceful stems. The color is a clear porcelain blue, with the lower petals striped burgundy on a cream ground.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

**Thomas T. Kent.** Shell pink, overlaid with strawberry, crimson streak on each petal. Very vigorous in growth and one of the largest varieties, with very tall spikes.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

**Purple Glory.** A beautiful ruffled variety. Deep velvety maroon purple, with almost black blotches. Exceedingly striking and handsome.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

## CANNAS

Few bulbous or tuberous plants give the same splendid results under all conditions as do the Cannas. They thrive in all parts of the country, North and South, East and West, in any sunny exposure, and in any good soil.

Care should be taken to get good strong roots and these should be planted three or four inches deep in soil that has been spaded deeply. A liberal mulching of manure is beneficial.

Dormant roots are supplied from December until April first. After April first plants delivered will be from four-inch pots. In either case you are assured of good strong stock at "Flowerland".

### "Flowerland" Collection of Cannas

This is a most interesting collection of Cannas, both rare and effective varieties.

**American Beauty.** (5 feet). A very rich and unusually attractive Canna. The velvety oriental carmine flowers are held on firm straight stems well above the foliage.

**City of Portland.** (3½ feet). This is the most beautiful of the pink Cannas. Its clear pink flowers are borne in well filled trusses well above the bright green foliage.

**Eureka.** (4 feet). Green leaved. A free bloomer and its great trusses of perfectly formed creamy-white flowers stand well above the dense green foliage on stiff upright stems.

**Fire Bird.** This is by all means the best red-flowered, green leaved Canna of the day. Flowers are borne in immense trusses on strong stalks well above the leaves. Flowers are of splendid form, round and shapely.

**Mrs. Alfred Conard.** (4 feet). Green foliage. Flowers large size, clear salmon pink, and are borne in finely shaped flower heads.

**Rosea Gigantea.** (3 to 4 feet). A magnificent showy Canna of a rose to carmine pink shade. Flower heads are of immense size.

**San Diego.** A distinct shade of burnt orange. The individual flowers are of immense size and beautifully clean. An entirely new and different color.

**Yellow King Humbert.** A sport from that most popular of all Cannas, King Humbert, producing large flowers of most beautiful shades of yellow, lightly spotted red, with green foliage. Five and six clusters of flowers at a time.

Price 25c each, \$2.50 per dozen, \$18.00 per hundred

#### SPECIAL OFFER—POSTAGE PREPAID

One each of the eight varieties.....\$1.50  
Three each of the eight varieties.....\$4.00  
Six each of the eight varieties.....\$7.50

### Standard Varieties of Established Merit

**Alfred Mauther.** Immense bright crimson scarlet flowers. **Austria.**—(4½ feet). Pure yellow, with faint scarlet dots on inner petals.

**Gladiator.**—(4½ feet). A deep yellow, freely dotted with red. splendid for bedding.

**Hungaria.** Large pure pink flowers. Plant has a splendid habit of growth and carries a rich dark green foliage. Height 3½ to 4 feet.

**King Humbert.** Flowers are an intense scarlet, while the foliage is of the deepest bronze. A choice Canna in every way. 4 to 4½ feet.

**Ludwig Kopf.** Bronze foliage. Flowers beautiful orange shading, apricot color.

**Mrs. George Strohlein.** A fine deep crimson.

**Olympe.** A rich carmine rose, shading lighter toward the center.

**R. Wallace.** A light canary yellow. Grows about three feet high and is very compact.

**Stuttgarter.** Orange scarlet, edged golden yellow, dotted with light scarlet.

**The President.** (5 feet). This great red canna possesses every desirable quality. Free bloomer.

**Wintzer's Colossal.** A strikingly vivid scarlet that holds its color well; very large flowers.

Price any above Cannas: 20c each, \$2.00 per dozen

### PLANTING NOTE

Cannas are very hardy and thrive in most any location, but require a good deep soil. The ideal position is in full sun in the open with a good circulation of air. During the summer months cannas require considerable moisture to be at their best and in winter when dormant, should be cut and mulched with a good dressing of manure.

## IRIS GERMANICA

This set is made up of the very best of the newer Gladioli, each one being selected for its distinctive, clear color, and whether wanted for show in the garden or for cutting, will prove unusually satisfactory. These varieties hold the premier place in their respective colors and should be planted wherever summer flowers are wanted.

The Irises are sun lovers and delight in a well drained situation. They require little or no cultivation other than to keep the weeds out. Plant so that the soil just covers the rhizome and firm down well. A light mulch of well rotted manure is beneficial.

Generally speaking, the fall of the year is the best time to plant Irises, September and October being the ideal months for the planting of root divisions. Established potted plants may be planted almost any time.

The following varieties are deliciously fragrant, large, beautifully marked blossoms, having mottled "Standards" and delicately veined "Falls". Any one of the collection is a rival of the orchid.

**Albert Victor.** Standards soft blue; Falls beautiful soft lavender.  
**Price 20c each, \$2.00 per dozen**

**Alcazar.** A truly magnificent Iris. Stems of great length. Blossoms of enormous size. Color a wonderful combination of violet, purple and blue.  
**Price 35c each, \$3.50 per dozen**

**Amas.** Handsome giant flowered form from Asia Minor. Standards rich blue. Falls violet.  
**Price 25c each, \$2.50 per dozen**

**Archeveque.** A new Iris, the coloring of which is as unique as it is beautiful. Standards are a rich reddish purple. Falls dark velvety purple.  
**Price 35c each, \$3.50 per dozen**

**Arnols.** Falls rich velvety purple. Standards rosy bronze. Grows 30 inches high.  
**Price 25c each, \$2.50 per dozen**

**Cherubim.** This new Iris has standards of a distinct shade of lavender. Falls lavender veined with white.  
**Price 50c each, \$5.00 per dozen**

**Crimson King.** Everblooming variety. Deep, rich claret purple. Plant a border of these—they are almost constantly in bloom.

**Price 15c each, \$1.50 per dozen**

**Caprice.**—Standards rosy red. Falls a deeper shade with violet purple shadings.

**Price 25c each, \$2.50 per dozen**

**Caterina.** This is a most satisfactory and truly beautiful variety. Very tall, sturdy flower spikes, on which are surrounded large beautiful flowers. Standard clear lavender-blue. Falls soft light blue; very fragrant.

**Price 50c each, \$5.00 per dozen**

**El Dorado.** A tall growing large flowering type, and a new color in hybrid Irises. The ground or back-ground color is brownish yellow, overlaid with blue.

**Price 35c each, \$3.50 per dozen**

**Fairy.** White, delicately bordered and suffused soft blue; very good.

**Price 15c each, \$1.50 per dozen**

**Florentina.** Creamy white, faintly tinged lavender.

**Price 15s each, \$1.50 per dozen**

**Golden Fleece.** Light yellow; strikingly attractive flowers growing about 18 to 20 inches high.

**Price 25c each, \$2.50 per dozen**

**Her Majesty.** Standards are a lovely rose-pink. Falls bright crimson tinged with darker shadings. The blending of tints and coloring in this flower are rare indeed for an Iris.

**Price 35c each, \$3.50 per dozen**

**Isoline.** Standards lilac-pink shot with bronze. Falls purplish old rose with golden throat and yellow beard. One of the most beautiful of the family. Height three feet.

**Price 35c each, \$3.50 per dozen**

**Jeanne D'Arc.** The ground color of this remarkable Iris is pure white, both in falls and standards; petals are lightly penciled light blue. A free bloomer and equal to an orchid in beauty.

**Price 35c each, \$3.50 per dozen**

**Lohengrin.** Blossoms of immense size. The color deep rich mauve.

**Price 35c each, \$3.50 per dozen**

**Loute.** Height medium. Flowers borne on sturdy stems; very large as to size. Standards pale lilac, falls deep blue.

**Price 35c each, \$3.50 per dozen**

**Lovely.** Ultramarine-blue bordered cream; very distinct variety.

**Price 20c each, \$2.00 per dozen**

**Madame Chereau.** White with beautifully frilled wide border of clear blue.

**Price 15c each, \$1.50 per dozen**

**Mrs. Reuthe.** Standards white, shaded and veined blue.

**Price 15c each, \$1.50 per dozen**

**Mesopotamica.** A wonderful and comparatively new variety. Standards clear lavender. Falls violet purple.

**Price 50c each, \$5.00 per dozen**

**Monsignor.** A tall growing variety bearing immense blossoms in profusion. Standards are a bluish lavender while the falls are violet with white pencilings at the throat. Blooms for a long time.

**Price 25c each, \$2.50 per dozen**

**Nuee D'Orage.** A strikingly beautiful variety. Standards are a peculiar shade of grayish lavender. Falls bronze and purple. Blossoms of extra size. Very fine.

**Price 35c each, \$3.50 per dozen**



1. Cherubin      4. Jeanne d'Arc      7. Monsignor  
 2. Golden Fleece      5. Alcazar      8. Archeveque  
 3. Caprice      6. Isoline      9. Prosper Laugier

**PAUL J. HOWARD'S**  
**MORTICULTURAL ESTABLISHMENT**  
**THRIFTY - SUPERIOR PLANTS**

**Oriflamme.** Standards clear light blue. Falls rich lavender purple. Very fine large flowers.  
 Price 25c each, \$2.50 per dozen

**Pallida Dalmatica.** Princess Beatrice. Queen among Irises; grand and stately. Standards lavender, falls clear deep lavender. Flowers large and extra fine.  
 Price 35c each, \$3.50 per dozen

**Parisiana.** A distinct advance, by way of color, in these new Irises. The standards are mottled lavender-pink. Falls creamy white, with a suffusion of pink. A scarce and high priced sort.  
 Price 50c each, \$5.00 per dozen

**Plumeri.** Standards coppery rose. Falls velvety claret; tall growing.  
 Price 20c each, \$2.00 per dozen

**Princess Victoria Louise.** Falls deep purplish-rose; standards yellow; grows 30 inches high; especially attractive in the garden.  
 Price 50c each, \$5.00 per dozen

**Prosper Laugier.** An Iris that is different. The flowers of this variety are unique and different from those of any other variety. The standards are a light bronzy red, while the falls are a rich velvety maroon with orange beard, which enlivens the color.

Price 35c each, \$3.50 per dozen

**Tamerlane.** This variety bears flowers of phenomenal size. Well poised on thick heavy stems. Standards bright blue. Falls deep purple.

Price 35c each, \$3.50 per dozen

**Walhalla.** Standards lavender-blue; falls violet-purple. lighter toward the edge. Grows 2 feet high.  
 Price 25c each, \$2.50 per dozen

**Zephyr.** Color lavender blue, blossoms of medium size only. What they lack in size, however, is more than made up for by their profusion of bloom.  
 Price 35c each, \$3.50 per dozen

### Iris Stylosa

These are, perhaps, the most useful of the Iris family for general garden use. They thrive in any location and do particularly well around pools, where their long, grassy evergreen foliage is extremely attractive. Blooming as they do for so long a time in the fall and winter months, make them doubly valuable.

**Iris Stylosa Blue.** Lilac-blue, violet scented; very fine.

**Iris Stylosa Alba.** Identical with the preceding, except in color, which is pure white.

Price 20c each, \$2.00 per dozen

### Iris of Japan (JAPANESE IRIS—IRIS KAEMPFER)

A marvelously beautiful class of Irises.

The color combinations are unsurpassed even by the Orchid, and it would be difficult to describe them except to say that all shades of purple, lavender, mauve, pink, yellow and white are included. Flowers are very large, often eight to ten inches in diameter, and are borne on stems reaching two to three feet above the ground.

Our collection is made up of some splendid varieties which have been tested and found to be very satisfactory for our climate.

Mixed Colors only—Price 35c each, \$3.50 per dozen



## FERNS

### Hardy Ferns

FOR OUT-DOOR PLANTING

In almost every garden is to be found a shady moist location which is unsuitable for the growth of most shrubs and flowers. This is the ideal location for the planting of a group of the hardy out-door ferns. They are to be had in variety, both as to height and foliage. Loosen the soil with liberal applications of leaf mold or peat, and supply regularly with water during the dry seasons.

Price 25c each, \$2.50 per dozen, \$20.00 per 100  
 Larger sizes 50c each, \$5.00 per dozen

### House Ferns

The furnishing of the home cannot be considered complete without the addition of one or more growing plants. For this purpose the fern is ideal as it will last comparatively longer than most any other form of plant decoration, at the same time being more graceful and harmonizing with the surroundings.

Our assortment of ferns for the house is complete at all times.

5-inch pots	\$ .75
6-inch pots	\$1.50
7-inch pots	\$2.50
8-inch pots	\$4.50

Larger sizes priced accordingly.

## FLOWER SEEDS FOR FALL AND WINTER SOWING

### ANTIRRHINUM (SNAPDRAGON)

Easily grown from seed. Sow in a sunny exposure and carefully water until the plants are up, then gradually decrease the water. As soon as plants are large enough, water by irrigating. Do not water over the foliage.

#### Medium or semi-Tall Sorts—

##### 18 TO 24 INCHES HIGH

**Amber Queen.** Canary yellow overlaid with chamois pink.

**Aurora.** Bright, scarlet, yellow lip.

**Cottage Maid.** Light pink with white throat.

**Crimson King.** Rich scarlet-crimson.

**Daphne.** Soft blush pink.

**Defiance.** A combination of buff orange and russet red.

**Mauve Beauty.** A lovely shade of rosy mauve.

**Prima Donna.** Terra cotta pink, white throat.

**Queen of the North.** Pure white.

**Rosy Dore'.** Soft salmon rose.

**Silver Pink.** Best type of clear silvery pink.

**The Fawn.** Terra cotta pink and pale yellow.

**Mixed.** A mixture of all medium tall sorts.

Price 10c per packet, six for 50c

**Gloria**—Rich deep rose pink.

**Pink Perfection**—New, an exquisite shade of pink, slightly suffused salmon.

Price 25c per packet.

#### Antirrhinum Maximum

##### 24 to 36 inches high,

Two beautiful novelties:

**Old Gold.** A rich shade of gold.

**The Rose.** Glowing begonia-rose.

Price of each above 25c per packet.



### Alyssum

(SWEET ALYSSUM)

Free flowering annual. Useful beds, baskets, boxes or edging. Sweetly scented.

**Little Dorrit**—Very dwarf, compact, white.

**Little Gem**. Dwarf, compact habit. Blooms when quite small. The best white flowering edging plant.

Price 10c per packet

**Saxatile compactum.** Showy bright yellow hardy perennial; blossoms first season.

Price 15c per packet

**Alyssum argenteum.** Clear lemon-yellow flowers, silvery foliage. Very attractive.

Price 15c per packet

**Alyssum Lilac Queen.** Dwarf, compact habit; flowers pure lilac color.

Price 15c per packet

### Anemone

The French Anemones are gorgeous poppy-like flowers, and can be raised from seed if planted in the early fall, and will bloom the following spring. Sow in light, sandy soil, and keep moist.

**De Caen**—Seed from a selected strain, in a great range of colors.

### Pentstemon

Tall growing hardy perennial. Very showy and attractive. One of the most effective and satisfactory plants for the border. Will bloom all summer and fall.

**Gloxinioides, "Sensation".** Grows about 2 feet high, every branch being a spike of large gloxinia-like flowers, in a very wide range of colors, including rose, red, carmine, cherry, pink, lilac, purple, etc.

Price 15c per packet

**Diamond.** Carmine-scarlet with lilac tube.

**Fairy Queen.** Terra Cotta pink.

**Ruby.** Rich, velvety, ruby red.

**Golden Queen.** Golden yellow.

**Indian Summer**—Velvety copper.

**Maralda**—Copper-carmine.

**Purple King**—Rich velvety purple.

**Wallflower.** Brownish orange and copper red.

Price of above varieties 15c per packet. One each of the ten including the two novelties, \$1.50.

**Antirrhinum Maximum Mixed.** A fine mixture of many different colors.

Price 15c per packet

### Tom Thumb Varieties

Grow 8 to 10 inches high. These miniature snapdragons are unusually fine for edging as well as very low bedding.

**Crescia.** A rich, deep scarlet.

**Orange Yellow.** A blending of orange and yellow.

**Roseum.** Splendid pink.

**Snow Queen.** Pure white.

**Mixed.** A mixture of the foregoing.

Price 10c per packet

One packet each of the four varieties, 35c

### Aquilegia

(COLUMBINE)

This perennial may be sown in the open ground.

Especially adapted for a moist, shady position. Height 2 to 3 feet.

**California Hybrids.** Exquisite flowers in yellow and orange shades, long spurs.

Price 25c per packet

**Canadensis.** Scarlet and yellow native species.

Price 15c per packet

**Chrysanth.** Golden yellow.

Price 15c per packet

**Coerulea.** Violet blue and white.

Price 15c per packet

**Pink Hybrids.** Comprise all the varied shades of pink. Very fine. Long spurs.

Price 25c per packet

**Mrs. Scott Elliott's Strain of Long Spurred Hybrids.** This strain is allowed by the Royal Horticultural Society to be the best ever raised, and has received awards whenever exhibited. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a most harmonious mass of coloring seldom seen in other flowers.

Price 25c per packet

### Bellis Perennis

(ENGLISH DAISY)

A favorite perennial, easily raised from seed. May be sown any time from July to January.

**Giant White.** Large flowers, free blooming.

**Giant Rose.** Same as the above except color.

**Mixed.** A mixture of the above.

Price 15c per packet

## Calendula (POT-MARIGOLD)

An easily grown and showy free flowering annual. Will thrive in any garden soil, producing fine effects, in beds or mixed borders.

**Orange King.** Very large and double bright orange-red, dark eye; an extra fine strain.

**Lemon Queen.** Very large, extremely double flowers of rich lemon yellow.

**Meteor.** Creamy white, striped orange.

**Nankeein.** Cream, flushed apricot.

Price 10c per packet

### (NEW VARIETIES)

**Balls Gold.** A fit companion to The Ball. Dark golden yellow. Price 25c per packet

**The Ball.** This is a new and much improved Calendula or Pot Marigold, and is now being grown extensively as a cut flower, and also as a pot plant. It is an improvement over the Orange King, being at all times very double of unusually large proportions. A favorite wherever grown.

Price 25c per packet

## California Wild Flowers

A mixture of twenty distinct varieties of native California wild flowers. This mixture will succeed and give splendid results under ordinary conditions. Send a packet to your Eastern friends.

Price 25c per packet

## Candytuft

(IBERIS UMBELLATA)

These annuals are considered indispensable for cutting best used for beds or massing.

**Carmine.** Bright carmine rose.

**Crimson.** Rich deep shade.

**White Fragrant.** Flowers small, very sweetly scented.

**Lavender.** Delicate shade of rosy lavender.

**Mixed.** A splendid mixture of all the colors.

Price 10c per packet; six packets 50c

## Centaureas

Favorites everywhere, hardy, will grow and do well almost everywhere. Wonderful as cut flowers.

**Centaurea cyanus.** Cornflower. Double blue, or mixed.

Price 10c per packet

**Imperialis.** Sweet Sultan. Sweet scented flowers borne on strong stems, and when cut will last for several days. Rose, lavender, white, yellow, and mixed.

Price 10c per packet

**Candidissima.** Dusty Miller. Fine for bedding, vases, hanging baskets, and especially for edging borders.

Price 15c per packet

## Cineraria

Beautiful flowering plants for the house, conservatory and bedding out in sheltered positions. Start seed in boxes, then transplant to pots or open ground. Requires a well drained soil.

**Prize Dwarf.** Dwarf compact plants, not over a foot high, with immense heads of large individual flowers in a great range of beautiful colors.

Price 50c per packet

**Prize Tall.** Of taller growth than the above, with flowers of extraordinary size.

Price 50c per packet

**Stellata, Star Cineraria.** Large spreading panicles of star-like flowers in the same variety of colors as the ordinary cineraria. Wonderfully effective for the decoration of the home or conservatory, also useful for cutting.

Price 25c per packet

## Clarkia

A very pretty and easily grown annual. Does well either in sun or shade, growing 2 to 2½ feet high with leafy racemes of double flowers which all open in water when cut.

Rich in shades of Salmon, Scarlet, Mauve, etc.

**Elegans.** Double mixed. A fine mixture containing all the colors.

Price 10c per packet

## Delphinium

(PERENNIAL LARKSPUR)

Beautiful hardy perennials with large spikes of handsome flowers. Very useful as cut flowers, etc. Start seeds in boxes and transplant when large enough to handle.

**Belladonna.** The freest blooming of all the Perennial Larkspurs. Its clear, turquoise blue flowers are not equalled for delicacy and beauty.

Price 25c per packet

**Bellamomum.** This is a rich, deep blue form of the Belladonna possessing the same qualities.

Price 25c per packet

**Gold Medal Hybrids.** This is one of the finest strains of hybrids ever offered. The plants are of strong, vigorous habit with large flowers on very long spikes. The lighter shades of blue predominate.

Price 25c per packet

**XXX Hybrids.** A grand new strain, with flowers absolutely unsurpassed in size, color, and beauty of form. They are closely arranged on long, sturdy spikes. We have been extremely careful in the selection of these strains, and can offer them in two ranges of color.

**Light Blue Shades.** Composed of only the best of the lighter shades.

**Deep Blue Shades.** A fine strain of the darker colors, but not including the purples.

Price 25c per packet

## Didiscus Coeruleus

(QUEEN ANN'S BLUE LACE)

Annual of easy culture. Dainty heads of sky blue flowers. Fine for cutting.

Price 15c per packet

## Digitalis

(FOXGLOVE)

Handsome and exceedingly ornamental hardy plants of stately growth succeeding under almost all conditions.

**Gloxiniaeflora.** Mixed. An extra choice strain. All colors.

Price 15c per packet

## Dimorphotheca

(AFRICAN GOLDEN DAISY)

**Aurantiaca.** Showy annual daisy, native of South Africa, which is very well suited to our climatic conditions. Plants bushy; grow about 12 to 15 inches high. The flowers are a rich glossy orange gold, with dark disc and halo. Seed may be sown in the same manner as Aster, Petunias, etc., and should have a dry sunny position.

Price 10c per packet

## Gaillardia

PERENNIAL VARIETIES.

These should have a place in every hardy border. Do well in most any position or soil.

**Mixed.** Splendid combination of gold and crimson.

Price 15c per packet

## Geum

**Lady Stratheden.** Double. Bright orange yellow.

**Mrs. Bradshaw.** Double. The orange-scarlet flowers are very large and full; comes quite true from seed and blooms the first year. 2 feet June-September.

Price 25c per packet

## Godetia

Very attractive, hardy annuals. The plants bloom profusely and bear flowers of satiny texture in many rich colors.

**Duchess of Albany.** Pure white.

**Gloriosa.** Deep blood-red.

**Rosamunde.** Fiery rose.

**Lady Satin Rose.** Bright carmine.

**The Bride.** White and red.

**Mixed.** All colors mixed.

Price 15c per packet;

Six packets 75c





### Gypsophila (BABY'S BREATH)

Pretty free flowering plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with cut flowers.

*Elegans Alba Grandiflora.* This is the annual, large flowering pure white Baby's Breath. Free easy growth.

Price 10c per packet

*Paniculata.* A hardy perennial which blooms the first year if sown early. White flowers, excellent for bouquets.

Price 10c per packet

### Helichrysum (STRAWFLOWER)

Very showy plants for bedding with their bright and varied range of colors. Produce many flowers and remain in bloom for a long time. Prized for winter decorative purposes as well as durable bouquets. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place until dry. Double Fireball, Red, Double Crimson, Rose and Carmine shades, Salmon shades, Mixed.

Price 15c per packet

### Hunnemannia Fumariaefolia (BUSH ESCHSCHOLTZIA)

Plants about 2 feet high, bushy with beautiful feathery foliage. Produces large buttercup yellow poppy-like blossoms, which, when cut, will last for several days.

Price 10c per packet

### Hollyhock

Hardy perennial of stately growth. For planting among shrubbery, or forming a background for other flowers, it is without equal. Seed sown in seed beds or boxes in fall may be planted out when large enough and will bloom the following summer.

**Double.** Maroon, bright rose, bright red, salmon rose, white, yellow, newport pink, and mixed.

**Single.** Pink, red, yellow, white, also mixed.

Price 15c per packet

### Larkspur

We know of no other plant that we feel so free to recommend as the Larkspur. They make handsome beds, or borders, and their free, graceful habit and bright colors are very effective when interspersed in that old fashioned flower or shrubbery border. The excellent keeping qualities when cut and the ease with which they may be arranged for decorative purposes make them doubly valuable as cut flowers. Easily grown, seed may be sown in the open ground. We list an excellent strain that is the result of long years of careful selection.

**Double Stock Flowered.** Dark blue, lilac, Newport pink, shell pink, light blue, white, and mixed.

**Exquisite (New).** Clear rose pink.

Price 15c per packet

## Tidy Tips for October

**FLOWER SEEDS**—Sow seeds for Winter blooming; Calendula, Cineraria, Centaurea, Cosmos, Dianthus, Nemesia, Pansy, Primula, Scabiosa, Stocks, and Winter Sweet Peas.

Sow in open ground for early spring flowers—Alyssum, Candytuft, Calliopsis, Clarkia, Godetia, California Poppy, Larkspur, Lupin, Mignonette, Nigella, California Wild-Flowers.

**PLANTS** OF Cineraria, Pansies, Stocks, Violets, Calendula, Anemones, Nemesia, Centaurea, Foxglove, Hollyhock, Snapdragon.

Continue sowing perennials for next year of Columbine, Canterbury Bells, Coreopsis, Delphinium, Digitalis, Forget-me-not, Gaillardia, Hollyhocks, Pentstemon, Verbena, Viola, and Wall-flower.

**BULBS** OF Anemones, Amaryllis, Callas, Freesias, Hyacinths, Ixias, Narcissus, Oxalis, Ranunculus, Spanish Iris, Tulips.

## Lupins

Free flowering, easily grown annuals, with long graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds, and for cutting. Prefers a little shade.

Mixed. A choice assortment of the choicest colors.  
 Price 15c per packet

## Mignonette

(RESEDA)

A hardy annual growing from 6 to 12 inches high, very fragrant. No garden is complete without mignonette. Sow seed in the fall for early spring blossoms.

Defiance. Grown under favorable conditions, spikes will be of remarkable size, 12 to 14 inches, and deliciously fragrant. Excellent keeping qualities, retaining their grace and fragrance until every bud opens.

Machet. Dwarf pyramidal growth; many flower stalks; very fragrant; one of the best.

Salmon Queen. Fine spikes of bright salmon red flowers; intensely fragrant; fine for outdoor culture.  
 Price 15c per packet

## Myosotis

(FORGET-ME-NOT)

Hardy perennials which are especially effective when grown in masses. Small star-like flowers borne in clusters; bloom first year if seed is sown early. Does best in a cool moist location.

Alpestris. Rich indigo blue flowers.

Palustris. An everlasting variety; clear blue flowers.  
 Price 10c per packet

Blue Bird. (New). Large, clear, dark blue. Very fine.  
 Price 25c per packet

## Nemophila

(BABY BLUE EYES)

Hardest of annuals, and of the easiest culture. Should be sown in beds where they are to flower. One of the first flowers to bloom in the spring. Splendid to use as a ground cover when sown in the bulb beds.

Insignis. Blue, Known popularly as Baby Blue Eyes.

Mixed. All colors, cup-shaped flowers in many bright colors, blue predominating.  
 Price 10c per packet

## Pansies

These wonderful flowers are so well known that they require no description. Seed should be sown in a soil containing a portion of leafmould well enriched with decayed manure. Two transplantings are necessary to obtain the largest flowers. It is a mistake to plant Pansies in the shade of trees or building, as they thrive best in an open exposure where the wind has a free sweep over the bed. This keeps them from becoming straggly. About the middle of August is the best time to start seed for winter and early spring blooming. Seed can be sown as late as February or March.

Bronze. Very large; shades of burnished brass and gold.  
 Price 25c per packet

Improved Beaconsfield. Bluish purple with distinct lavender tinge.  
 Price 25c per packet

Madame Perrett. Beautiful enormous flowers, mostly composed of wine and red shades.  
 Price 25c per packet

Mastodon Miracle Mixed. A new strain of the finest types of Pansies; in all colors.  
 Price 50c per packet

Mastodian Striata. Beautifully striped; mostly dark and rose-pink shades.  
 Price 50c per packet

Mlle. Irene. Tango red.  
 Price 25c per packet

Orchid Flowering Mixture. A dwarf free bloomer, with a range of delicate colors that do not exist in any other pansies.  
 Price 25c per packet

Parisian Yellow. Pure rich yellow.  
 Price 25c per packet

Voneano. Rich Burgundy red.  
 Price 25c per packet

Giants of California. Finest mixture, flowers large, beautifully marked, mostly dark colors.  
 Price 50c per packet



## Primula

Malacoides. The flowers are of a delicate shade of lavender, produced in whorls on tall graceful spikes in great profusion.  
 Price 25c per packet

Obconica Gigantea. The leaves are dark green, thick and leathery, roundish, veined at the edges and often measure six inches in diameter. The flower stalks are stiff and strong. The flowers are of good shape, measure from 1 1/4 to 1 1/2 inches in diameter, and are borne in clusters up to 4 inches across.

Fine mixed, pink and rose shades.

Price 50c per packet

## Pyrethrum

Aureum. Yellow foliage; well known as Golden Feather; used for edging.

Price 15c per packet

Roseum. Hybridum grandiflorum. Hardy perennial, daisy shaped flowers, ranging from white to deep red, with yellow centers. Persistent bloomers, and fine for cutting.  
 Price 15c per packet

## Schizanthus

(BUTTERFLY FLOWER)

One of the daintiest flowers imaginable, especially adapted for lightening the effect of a taller and heavier planting. Seeds germinate quickly, coming into bloom a few weeks from time of sowing.

Wisetonensis. Remarkably free flowering and presents a beautiful appearance with its myriads of flowers, the ground color of which is white, dotted with delicate rose.  
 Price 25c per packet

Grandiflorus, Garaway's Hybrids. A grand strain bearing a profusion of large flowers all with handsome markings on a white, buff brilliant rose, rich blue or purple ground.  
 Price 25c per packet



## Petunias

For immediate effective show, few flowers equal Petunias, either for bedding, or for a window or porch boxes. They flower early and remain a mass of bloom the entire season. Require fairly good soil and a sunny position, best started in boxes and then transplanted into the open.

### Large Flowering Single

**Giants of California.** Flowers very large, in great varieties of colors and markings, with deep yellow throats.

Price 35c per packet

**Fringed Ruffled Giant.** Flowers of extraordinary size and substance; ruffled, fluted and fringed; solid colors.

Price 50c per packet

**Single Mixed.** Containing a great variety of colors; large flowers.

Price 15c per packet

**Balcony Mixed.** A splendid free flowering type, either for bedding or for window boxes, vases, hanging baskets, etc. Flowers average 2 inches across; colors rich blue, rose and white.

Price 25c per packet

**Howard's Star.** Free flowering strain; color crimson maroon with a clearly defined five-pointed star of blush white. For bedding, baskets, etc.

Price 25c per packet

### GIANT DOUBLE

**Mixed.** Extra choice strain; flowers very double fringed and frilled.

Price 50c per packet

### Single Bedding

**General Dodds**—Velvety blood-red.

**Rosy Morn**—Pink, white throat.

**Rose of Heaven**—Very dwarf; bright rose.

Price 15c per packet

**Violacea**—Deep velvety purple.

Price 25c per packet



## PAUL J. HOWARD'S HORTICULTURAL ESTABLISHMENT

THRIFTY - SUPERIOR PLANTS

## California Poppies (ESCHSCHOLTZIA)

The best known of our California wild flowers. Color is a deep orange yellow with a beautiful golden sheen.

Price 10c per packet

## New Colored Varieties

**Ballet Girl.** Cochineal carmine.

**Lovely.** Rose pink suffused salmon.

**Mauve Beauty.** Pure mauve.

**Orange Flame.** Vivid orange scarlet.

**Purple Glow.** Reddish purple.

**Scarlet Beauty.** Deep scarlet.

**Tango.** Bronzy red overlaid terra cotta.

Price of above 25c per packet

## Poppies

Annual poppies should be sown as early as possible in the soil where they are to remain as they do not stand transplanting. Sow very thinly, barely cover and firm down. Thin out to three or four inches apart for best results. Flowers will last several days if picked before expanding.

Select Shirley. Range in color from purest white through the delicate shades of pink, rose and carmine to the deepest crimson and blood red.

Price 15c per packet

**Shirley American Legion** (New). Dazzling orange-scarlet, of enormous size, on long stiff stems. Erect and robust.

Price 25c per packet

**Iceland Poppies.** Although hardy perennials, these poppies bloom the first year from seed. They are of graceful habit, with bright green fern-like foliage, bearing brilliant flowers in great profusion; very useful for cutting. Bright yellow, pure white, orange-scarlet and mixed.

Price 15c per packet

**Eldorado (Annual).** Flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange-scarlet, pink, rose and white without any dark markings whatever.

Price 15c per packet

**Carnation Flowered Mixture.** All colors, very double.

Price 15c per packet

**Oriental.** For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. They produce magnificent effects among shrubbery and are invaluable for cutting.

Mixed—Price 15c per packet

## Ranunculus

These increasingly popular bulbous plants are one of our most important spring flowers, and while usually planted from dry bulbs or green plants from pots, they can be quite successfully raised from seed. The beds should be very carefully prepared of a good sandy loam, that will not bake on the surface. The seed should be sown quite thickly and kept continually moist although not wet. Seed should be sown early in the fall, and the plants will bloom the next spring.

**Giant French Hybrids**—We have produced a very fine strain, producing large double and semi-double flowers. The range of color is complete, and includes a good percentage of the dark shades.

Price 25c per packet

## Scabiosa

Found in all old fashioned gardens. Bears beautiful cushion shaped flowers of all colors, on long straight stems, which, when cut, will keep for several days. Makes effective borders or beds. Free blooming annual.

**Azure Fairy.** Lavender-blue.

**Crimson.** Rich rosy crimson.

**Flesh Pink.** Delicate shade.

**King of the Blacks.** Velvety purple.

**Rose.** Soft rose.

**White.** Pure white.

**Mixed.** All colors.

Price 15c per packet—6 packets 75c



## STOCKS

The stock is without exception one of the most popular annuals. For brilliancy and diversity of color, fragrance, profusion and duration of bloom, it is unsurpassed. Mammoth Flowering Beauty Stock, a recently developed strain of early flowering winter stock, forms numerous branched plants about two feet high, having many spikes of large, double, exquisitely fragrant flowers. They are of a special value for cutting during the dull winter months; for this purpose seed should be sown from July to September.

### Mammoth Beauty of Nice

Abundance. Large carmine-rose.  
 Almond Blossom. White-shaded carmine.  
 Beauty of Nice. Delicate shade of flesh pink.  
 Canary Yellow. Clear canary yellow.  
 Crimson King. Brilliant fiery crimson.  
 Cote D'Azure. Light blue.  
 Madame Joseph Paquet. Orange.  
 Mont Blanc. Large pure white.  
 Parma Violet. Beautiful violet.  
 Queen Alexandria. Rosy Lilac.  
 Rose of Nice. Lovely old rose.  
 Summer Night. Rich deep blue.  
 Mixed. All colors.  
 Price 15c per packet; six packets 75c

### Giant Perfection

A fine group of stocks, very free flowering, producing extra long branches. Blooms over a long period of time and our strain products a very high percentage of doubles. We list ten separate colors.

Brilliant. Deep blood red.  
 Creole. Canary yellow.  
 Empress Augusta Victoria. Silvery lilac.  
 Flesh. Flesh pink.  
 Heatham Beauty. Rose, shaded terra cotta.  
 May Queen. Pale blue.  
 Queen of the Belgians. Pale Violet.  
 Rose. Fine rose pink.  
 Snowdrift. Pure white.  
 Sapphire. Deep violet.  
 Mixed. A choice mixture.

Price—Any of the above, 15c per packet  
 Collection of 10 named varieties \$1.25

### Improved Bismarck

Tall, vigorous growing variety of branching habit. Very early blooming and produces a high percentage of large double blossoms on long strong stalks.

White, flesh pink, canary yellow, chamois, rose, dark blue, lavender, red and mixed.

Price 25c per packet  
 6 packets for \$1.25

### Viola

(TUFTED PANSIES)

Though the flowers are not as large as the regular pansies, they bloom so freely and for so long that many people consider them superior when a mass of color is desired.

Cornuta Papilio. The Butterfly. Soft lavender blue. Free blooming. The finest variety for bedding.  
 Lutea Splendens. Bright yellow, fine for bedding or borders.  
 Cornuta Mixed. All colors mixed.

Price any variety 25c per packet

### Wallflower

Deliciously fragrant half hardy perennials which bloom in the early spring. The oriental coloring of the flowers in their rich red and yellows is very effective. Easily grown and last well as cut flowers. Finest mixed. All colors.

Price 15c per packet



## SWEET PEAS

The ideal soil for sweet peas is a rich sandy loam. Soil should be prepared if possible, a few weeks before seed is sown, so that it may become firm and settled. Some well rotted dairy fertilizer should be spaded in and mixed with the soil to a depth of 18 inches to 2 ft. Then make a trench about six inches deep, sow seed about two inches apart, cover with top soil two inches and firm down. Be sure that soil contains sufficient moisture before sowing, as it is advisable not to water until plants are up. As plants grow, soil may be worked in until level. If these few simple directions are followed you will be more than repaid with a wealth of beautiful long stem flowers. We offer a selection of the best of the winter-flowering varieties, seed of which, when sown in August or September, will produce blooms for Christmas and the holidays.

### Sweet Peas

We have selected the varieties of Winter Orchid Flowering Sweet Peas, each one of which we believe has proven the best of its color. They all produce large, beautifully shaped blossoms on long stems, and hold their color without fading, making them very suitable for outdoor culture. Especially do we wish to call your attention to the nine beautiful novelties, which we believe are the best in the way of size, color, and number of blossoms on each stem, of any yet produced. For cut flowers, they are absolutely unexcelled, and the waviness of the petals lends them a grace and charm most varieties do not possess.

### Eight Novelties

Early Bright Light—Finest scarlet.

Early Giant Rose—Rose pink.

Early Queen Crimson—Bright crimson.

Early Snow White—Purest white.

Eldorado—Bright orange.

Grenadier—Dazzling bright red.

Imperial Pink—Large clear pink.

New Blue—Deep blue.

Price of any of the above 35c per packet

Special collection offer, one each of the eight novelties \$2.35  
Postpaid.

### Standard Varieties

The following fifteen varieties have been kept in our list because of their good color, size, length of stem, and keeping qualities, and are ones that are reliable and satisfactory in every way.

Price of any of the following 25c per packet

Any five packets for \$1.00, or twelve for \$2.00

Rose Dore'—Rose pink suffused orange.

Glimmers—Orange-salmon-cerise.

Aviator—Dazzling crimson scarlet.

Mrs. Kerr—Best salmon.

Fair Maid—Blush pink and salmon.

All White—Pure white, wavy.

Sweet Lavender—Pure lavender self.

Mauve Beauty—Rosy mauve.

Othello—Deep maroon.

Blue Bird—Violet blue.

Amethyst—Royal purple.

Zvolanek's Rose—Giant rose-pink.

Zvolanek's Blue Sensation—Bright blue.

Zvolanek's Orange—Orange-pink.

Zvolanek's Perfection—Deep pink.

Special Mixture of named Varieties 25c per packet  
General mixture Winter-Flowering Sweet Peas 15c per packet

## Early Springsong

This variety is destined to take the leading place in popularity among all sweet peas. Its color is one which is in most demand with florists, being a clear salmon-pink on a cream ground, with a liveliness which is difficult of description. A vase or basket of this variety is a delight in any room.

Price 50c per packet

## Varieties of Sweet Peas

There are literally hundreds of varieties of Sweet Peas, both Early and Summer-flowering sorts. Many of these are practically identical and others lack the qualities that go to make up a first quality flower. It would be possible for us to increase our list to several times the size it is at present but we think it best to confine our listing to varieties that are of real merit. We have selected these varieties for their large size blossoms, good quality stems, clear, distinct colorings, and thrifty habit of growth.



PJH

## Summer Flowering Sweet Peas

### Six Splendid New Spencer Sweet Peas

Mary Pickford. Pink and Salmon.

Miss California. Orange Salmon.

Heavenly Blue. Delphinium Blue.

Del Monte. Salmon Cerise Pink.

Royal Pink. Pure Pink.

Gold Crest. Orange tinted Salmon.

Price 25c per Pkt. One each of the six varieties for \$1.25

### Standard Varieties, Summer Spencers

Peggy. Cerise flushed Orange.

Elegance. Lilac Pink.

Powerscourt. Finest Lavender.

Barbara. Rich Salmon.

Elfrida Pearson. Shell Pink.

Hebe. Rose Pink.

Dobbies Blue Picotee. White with blue edge.

King White. Large clear white.

Jack Cornwall. Violet Blue.

Mrs. Tom Jones. Azure Blue.

Guinea Gold. Golden Orange.

Defiance. Orange Scarlet.

The Cardinal. Poppy Scarlet.

Vermillion Brilliant. Fine large Scarlet.

Warrior. Deep Maroon.

Mixed. All colors in above named varieties.

Price 15c per Pkt. 6 Pkts. for 75c





## Fall and Winter Flowering Annuals

Our stock of Annual Bedding Plants cannot be excelled anywhere, and we feel confident that our selection of varieties is the best obtainable. Our seed beds, potting sheds, and lath houses will convince the most exacting of the superior quality of our bedding plants.

Our plants are all pot grown. We do not handle bedding plants in flats. We find the pot method absolutely practical and while a trifle more expensive at first, in the long run it is the most economical. Each plant is given sufficient root room in the individual pot and is given just the required amount of nourishment and moisture to develop it. When transplanted to the garden, the plants may easily be removed from the pot by carefully placing the fore fingers on the soil and inverting the pot and tapping lightly on any solid surface. This method insures an undisturbed root system, and each little plant transplanted in this manner, when properly cared for thereafter, is sure to grow.

When this stock is delivered by us, each plant is removed from the pot and wrapped in paper. Plants should be planted immediately, and if planting is delayed they should be placed in the shade and watered.

Most of the following are ready for delivery September 15th, and we have new stock coming on for several consecutive months thereafter.

### Antirrhinums (SNAPDRAGONS)

Snapdragons are becoming one of the most popular winter bedding plants, and are used for almost every purpose where flowers are used in decorating—even to wedding bouquets. Their brightly colored, curiously formed little blossoms are borne in well developed spikes which are completely filled with flowers.

Tall Growing—Giant Flowered Varieties, 24 to 36 inches high.

Diamond. Carmine scarlet, lilac tube.  
Fairy Queen. Terra cotta pink.  
Golden Queen. A rich clear yellow.  
Indian Summer. Velvety copper.  
Maralda. An unusual shade of copper carmine.  
Purple King. Rich velvety purple.  
Ruby. Velvety ruby red.  
Wallflower. Brownish orange and copper red.  
Mixed. A mixture of all tall growing colors.

Medium or Semi-Tall Sorts—18 to 24 inches high.

Amber Queen. Canary yellow overlaid with chamois pink.  
Aurora. Bright scarlet, yellow lip.  
Cottage Maid. Light pink with white throat.  
Crimson King. Rich scarlet crimson.  
Daphne. Soft blush pink.  
Defiance. A combination of buff orange and russet red.  
Mauve Beauty. A lovely shade of rosy mauve.  
Prima Donna. Terra cotta pink, white throat.  
Queen of the North. Pure white.  
Rose Dore'. Soft salmon rose.  
Silver Pink. Best type of clear silvery pink.  
The Fawn. Terra cotta pink and pale yellow.  
Mixed. A mixture of all medium tall sorts.

Price 75c per dozen, \$5.00 per hundred

### Bellis Perennis

(ENGLISH DAISY)

Really a perennial but treated as an annual as it grows quickly and easily. Splendid for borders and edgings for walks and flower beds. Also valuable for low flower beds. Continuously in flower from early spring until late summer. Pink, white, and mixed. Plants ready November 15th.

Price 50c dozen, \$3.50 per hundred

### Calendula

(POT MARIGOLDS)

This is one of the most universal garden flowers and is the Marigold of Shakespeare's time. The old type of flowers have been materially improved and the flowers are larger and more double. They are extremely free-flowering and will thrive in any well drained garden soil. The varieties offered here are the choicest.

Orange King. A pure orange yellow.

Lemon Queen. Soft lemon yellow.

The Ball. This is a new and much improved Calendula or Pot Marigold, and is now being grown extensively as a cut flower, and also as a pot plant. It is an improvement over the Orange King, being at all times very double of unusually large proportions. A favorite wherever grown.

Price 75c per dozen, \$5.00 per hundred

Two inch pots ready October 1st

### Centaurea Cyanus

(CORNFLOWER)

Also called Bachelor Buttons. Color is a clear dark blue. Ready September 1st.

Two inch pot plants—Price 75c per dozen

\$5.00 per hundred

### Centaurea Imperialis

(ROYAL SWEET SULTANS)

Colors are rose, lavender, and yellow. Ready in the early fall. Two-inch pot plants.

Price 75c per dozen, \$5.00 per hundred

### Cineraria

Especially are they suited to shady and partially shaded locations. The colors range from white, light pink, rose, old rose, lavender, blue, into deep purple. Plant in November for spring color display.

Price \$2.00 per dozen, \$15.00 per hundred



## Clarkia

Plants grow two to three feet high and are covered with slender sprays of delicately tinted blossoms, pink, rose, salmon and mauve predominate. Ready November 15th.

Price 75c per dozen, \$5.00 per hundred

## Dimorphotheca

(AFRICAN GOLDEN DAISY)

**Aurantiaca.** Rare and very showy annual from South Africa, having daisy-like flowers of a glossy salmon-orange shade with black central ring.

**Aurantiaca Hybrids.** They vary in color from the purest white to red and blush, white tints, sulphur, lemon and bright golden yellow, light orange, reddish-yellow changing to pale salmon rose.

Price 75c per dozen, \$5.00 per hundred

## Godetia

This attractive annual deserves more extensive cultivation. The plants grow easily and bloom profusely, bearing showy flowers of a satiny texture in many rich and varied colors. These resemble to some extent a miniature tulip in formation. Colors are white, blood red, fiery rose, bright carmine, and variegated. Ready November 15th.

Price 75c per dozen, \$5.00 per hundred

## Helichrysum

(STRAW FLOWERS OR EVERLASTING FLOWERS)

The Helichrysum is without doubt the most useful and showy of the Everlastings. Their exceedingly effective double flowers in rich colors make them fine for display purposes in beds or borders as well as for decorative purposes when cut. Plants ready for planting in December or January.

Price 75c per dozen, \$5.00 per hundred

## Larkspur

We list an excellent strain that is the result of long years of careful selection.

**Double Stock Flowered.** Dark blue, lilac, Newport pink, shell pink, light blue, white and mixed.  
**Exquisite.** (New). Clear rose-pink.

Price 75c per dozen, \$5.00 per hundred

## Pansies

Our strain of Pansies has been carefully selected for their large, well colored flowers and their growing qualities, and will be found to be THRIFTY SUPERIOR PLANTS. Plants ready November 1st.

Price 50 per dozen, \$3.50 per hundred

## Phlox Drummondii

(ANNUAL PHLOX)

Phlox Drummondii are of the easiest culture. This fact, together with the profusion and long season of their bloom, makes them an important and popular annual. Plant early. Plants will be ready October 1st. Two-inch pots.

Price 75c per dozen, \$5.00 per hundred

## Scabiosa

(PINCUSHION FLOWER)

Found in all old-fashioned gardens. Beautiful cushion shaped flowers of all colors, on long straight stems which when cut, will keep for several days. Makes effective borders or beddings. Free blooming annual.

**Azure Fairy.** Lavender-blue.  
**Crimson.** Rich rosy crimson.  
**Flesh Pink.** Delicate shade.  
**Rose.** Soft rose.  
**White.** Pure white.  
**Mixed.** All colors.

Price 75c per dozen, \$5.00 per hundred



## Schizanthus

A very pretty annual for bedding, cut flowers, or growing in pots. Flowers resemble miniature orchids and come in various shades of pink, rose, orchid, and white. Plant in full sun or partial shade.

Price 75c per dozen, \$5.00 per hundred

## Stocks

(GILLIFLOWERS)

The Stocks are among our foremost winter blooming plants. Their wide range of colors and their delightful perfume, together with the fact that they are among the most easily grown fall and winter annuals makes them very satisfactory bedding plants indeed.

These old-fashioned favorites with their bright colorings and spicy odor should be in every garden.

**Abundance.** Large carmine-rose.  
**Almond Blossom.** White-shaded carmine.  
**Beauty of Nice.** Delicate shade of flesh pink.  
**Canary Yellow.** Clear canary yellow.  
**Crimson King.** Brilliant fiery crimson.  
**Cote D'Azure.** Light blue.  
**Mont Blanc.** Large pure white.  
**Parma Violet.** Beautiful violet.  
**Queen Alexandra.** Rosy lilac.  
**Rose of Nice.** Lovely old rose.  
**Summer Night.** Rich deep blue.

Price 75c per dozen, \$5.00 per hundred



## PERENNIAL FLOWERING PLANTS

### Acanthus

(BEARS BREATH)

*Mollis latifolius*. A handsome decorative plant used as a single specimen or for grouping with other plants for a tropical effect. The leaves are deeply toothed, two feet long and one foot wide. Produces tall spikes of curious slate-colored flowers during July and August.

Price 50c each

### Aconitum

(MONK'S HOOD)

These plants form bushy clumps and are useful for planting in shady or semi-shady positions. The spikes of hooded blossoms somewhat resemble the Delphinium.

*Fischeri*. A dwarf variety, growing 18 inches high with large, light blue flowers in August and September.

*Spark's Variety*. A dark blue variety, flowering in June, 30 inches high.

Price 25c each, \$2.50 per dozen

### Agathea

(BLUE DAISY)

*Coelestis*. Especially suitable for edging. Can be trimmed to make a low hedge and is seldom without its sky-blue daisy-like flowers, which have a yellow center.

Price \$1.50 per dozen, \$10.00 per hundred

### Ajuga

(BUGLE PLANT)

A useful plant for shady positions in rockeries or for a ground cover, underneath trees, etc., where grass will not grow.

*Repens*. Grows three to four inches high, very spreading in habit, with deep blue flowers. Foliage is dark glossy green and very dense.

Price \$1.00 per dozen, \$7.50 per hundred

### Alyssum

(SWEET ALYSSUM)

*Saxatile compactum*. (Basket of Gold). An indispensable plant for the rockery or border in hot sunny positions. An almost constant bloomer; bright golden blossoms in masses of broad flat heads.

Price \$1.50 per dozen, \$10.00 per hundred

### Anchusa

*Italica*. Dropmore variety. Makes a vigorous growing plant about four to five feet high, with large hairy leaves. Bears its rich dark blue blossoms in great abundance upon the tall flower spike. Of easy culture in a sunny or partly shady position.

Price 20c each, \$2.00 per dozen

*Myosotidiflora*. This is a dwarf variety of Anchusa which is entirely different from the old tall growing variety. Grows but ten to twelve inches high, and has heart shaped leaves, about three inches across, which are deep green and smooth. Blooms during spring and early summer. The little forget-me-not-like flowers are a deep rich blue, and are produced in many long graceful sprays, completely covering the plants. The plant is very hardy and adapted to any good garden soil. Will succeed in partial shade, or full sun. This is something really fine, and should be much better known.

Price 50c each, \$5.00 per dozen

### Anemone

(JAPANESE WINDFLOWER)

Among the most important hardy perennials, they begin to bloom in August and continue well into winter. Excellent for cutting, lasting in good condition for many years. They are especially adapted for growing in shady positions.

*Hupehensis*. These little beauties have recently been introduced from central China and are closely related to *Anemone japonica*, which they resemble, except that they are smaller. The plants grow to a height of ten to twelve inches and are a mass of color from early August until late October. The little single rose-like blossoms are a pleasing shade of rosy-mauve. A valuable addition to the perennial flower garden collection.

*Japonica*. A valuable hardy perennial bearing large stately flowers on strong stems above the heavy dark, glossy foliage. They are most useful for filling in the fern bed or the shaded side of the rockery. They grow two or three feet high. Two colors, pink and white; also the semi-double LaFrance pink variety, Queen Charlotte.

Price 35c each, \$3.50 per dozen

### Aquilegia

(COLUMBINE)

Columbines do well in most any kind of soil, although a good loam is preferable. The best situation is a partially shaded location where protected from the wind. They may also be planted in the full sun, provided they are not near a building where there is reflected heat.

*Long Spurred Pink Hybrids*. A splendid collection in the pink and rose shades.

*Long Spurred Blue Hybrids*. A fine blending of all shades of blue, violet, lavender, etc.

*Paul J. Howard's Improved Long Spurred Hybrids*. This is a grand strain producing extra large flowers, in the most exquisite colors imaginable. Contains all the shades of blue, red, white, yellow, orange and pink.

Price 15c each, \$1.50 per dozen

### Arabis

(ROCK CRESS)

*Alpina*. Valuable for Alpine or rock-garden work. Pretty little low growing, rather spreading plants covered with white blossoms.

Price 20c each, \$2.00 per dozen

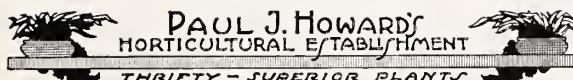


**FLOWER SEEDS** — Sow hardy annual seeds of Alyssum, Snapdragon, Calendula, Candytuft, Calliopsis, Clarkia, California Poppy, Dianthus, Larkspur, Lupin, Mignonette, Nigella, Pansy, Stocks, Sweet Peas, California Wild-Flowers.

**PLANTS OF** Carnations, Canterbury Bells, Cineraria, Columbine, Foxglove, Hollyhocks, Pansies, Pentstemon, Snapdragon, Stocks, Verbena, Violets, Ranunculus, Anemones.

**BULB OF** Amaryllis, Anemones, Callas, Hyacinths, Ixias, Narcissus, Oxalis, Ranunculus, Spanish Iris, Sparaxis, Tulips, Watsonias, Lilies, Freesias, Gladioli.

Renovate old lawns and apply good dressing of fertilizer. Dig and fertilize all unoccupied ground for future use.



## Artemesia

**Lactiflora.** Four feet high, blooming in summer. A great acquisition to herbaceous borders or wild gardens, or for planting among shrubbery. Of free growth, producing elegant spikes of Astilbe-like flowers of a creamy-white on stout stems. The whole plant has the appearance of a highly ornamental flowering shrub, and the flowers are excellent for cutting purposes.

Price 50c each, \$5.00 per dozen

## Asters

### FALL FLOWERING HARDY ASTERS OR MICHAELMAS DAISIES

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past. For best effect they should be planted in masses of one color. They grow freely in any soil, in a sunny place. Our collection is made up of the choicest varieties only, and can be had mixed or in separate shades of blue, lavender, heliotrope, mauve, white, and rose-pink.

Price 25c each, \$2.50 per dozen

Collection of six varieties for \$1.25

**Sub-caeruleus.** An attractive Alpine Aster, forming a dense tuft of leaves, from which issue many leafless stems, 12 inches high, bearing through the summer pretty blue-violet flowers, about three inches in diameter, with a bright orange center. A lovely thing.

Price 35c each, \$3.50 per dozen

## Baptisia

**Australis.** Two feet high, bearing beautiful racemes of pea-shaped light blue flowers in midsummer. Suitable for planting in the wild garden, in well drained soil.

Price 20c each, \$2.00 per dozen

## Begonia

The Semperflorens or Exerblooming type of Begonia is without an equal for bedding, low borders, and edging. The flowers are of the brightest colors, and are borne in great profusion continuously. While they succeed admirably in the full sunshine in most localities, their greatest value is to give color to the shady beds, and marginal plantings.

**Gracilis Iuminosa.** Bronze red leaves and bright scarlet blossoms.

**Gracilis Prima Donna.** Strong grower, one foot to 18 inches high, bushy and dense in foliage; flowers brilliant clear pink, shading to rose.

**Salmon Queen.** A fine variety of bright coral red.

**Gloire de Chatelaine.** A fine large flowered variety of a clear bright pink.

**Vernon.** Bright orange carmine flowers; red foliage.

**White Queen.** A splendid pure waxy white variety, with very glossy green leaves.

Price \$1.50 per dozen, \$10.00 per hundred

## Carnation (DIANTHUS CARYOPHYLLUS)

Carnations do exceedingly well in our climate, require very little special culture, and bloom almost continuously throughout the year. They prefer a light, sandy loam and a sunny open position. Water thoroughly by trenching, so as not to get water on the foliage and flowers. If the plants are kept pinched back and bushy, they will not generally need staking.

**Dr. Choate.** Brightest scarlet—Fragrant.

**Mrs. Ward.** Best rose-pink.

**Fair Maid.** Soft apple blossom pink—very fragrant.

**White Fair Maid.** White sport of above.

**Roosevelt.** Rich, deep, velvety crimson—intensely fragrant.

**New Hybrids.** We have a remarkable strain of Carnations in a mixture containing many novel and striking colors, such as rosylavender, yellow, orange, bright pinks, and red, etc. The flowers are mostly very large and the stems are good and long.

**Sunshine Maid.** Rich canary yellow.

Price 15c each, \$1.50 per dozen



## Calceolaria

A beautiful plant of dwarf and compact habit, producing a mass of curiously pocket shaped flowers of various colors, spotted and blotched with deep red. Does best in sheltered, half shady location, and in well drained soil, containing a good percentage of leaf-mold.

Price 50c each

## Campanula (BELL FLOWER)

Indispensable, hardy garden flowers of much variety of form, some being of tall and imposing habit, while others are dwarf compact little plants suitable for edging, rock work, etc. They like a good rich soil, and last much longer in bloom if planted in a half shady place. All of the taller growing kinds should be staked to prevent injury from high winds.

**Carpathica.** (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high. Flowers clear blue, held erect on wiry stems. It begins blooming in June and continues until October. As an edging for the hardy border or for rock work, it is unsurpassed.

**Garganica.** Another dwarf species about 6 inches high, with deep, green foliage making attractive small clumps. Exceedingly free flowering, becoming literally smothered with little violet colored bells. For a border that is striking and different, this is unequalled.

**Medium.** (Canterbury Bells). We offer this popular tall growing variety in blue, white, rose, and mixed colors.

**Medium Calycanthemum.** (Cup and Saucer Canterbury Bells). In the same colors as above.

**Pyramidalis.** (Chimney Bellflower). The most conspicuous of all the Campanulas, forming a perfect pyramid, four to six feet high, crowded with large salver-like flowers in August.

**Porcelain** blue or white.

Price of any of the above, 3" pots, 20c each, \$2.00 per dozen



### Caryopteris

*Mastacanthus.* (Blue Spiraea). A very desirable hardy plant, growing about three feet high. The lavender blue flowers are borne in great profusion along the full length of the branches. Splendid to use in floral decorating work. The plant should be cut back well each season.

Price 50c each

### Centaurea

(DUSTY MILLER)

*Candidissima.* Much used in borders and beds. White foliage makes a pleasing contrast with the usual deeper greens. 75c per dozen, \$5.00 per hundred in 2" pots, \$3.50 flats of 100

### Cerastium

(SNOW IN SUMMER)

*Tomentosum.* A pretty low growing plant with silvery-gray foliage and small white flowers. Suitable for rockeries, edging, or carpeting dry sunny spots.

Price \$1.50 per dozen, \$10.00 per hundred

### Chaenostoma

*Hispida.* A dwarf border plant, ideal for rockery work. Height six to ten inches and covered with minute white flowers throughout the year.

Price \$1.50 per dozen, \$10.00 per hundred

### Chelone

(SHELL FLOWER)

*Barbata.* A stately and handsome perennial, similar in growth to the Pentstemon. Bears numerous flower spikes of tube-shaped blossoms in various shades of pink, red, and mauve.

Price \$1.50 per dozen, \$10.00 per hundred

## Coreopsis

*Lanceolata.* One of the most popular hardy plants. The flowers are a rich golden yellow, of graceful habit of growth and splendid for cutting. Blooms the entire summer and fall, in any sunny position.

Price 10c each, \$1.00 per dozen

*Perry's Double.* This grand new variety has all the good points of the old—easily grown, floriferous, and hardy, and has a greatly increased attraction in the graceful, semi-double flowers. The golden yellow shade combines well with most all decorations.

Price 25c each, \$2.50 per dozen

## Delphinium

(PERENNIAL LARKSPUR)

One of the most popular of our perennials. Especially prized for the wonderful shades of blue displayed in its color tones. For producing a fine mass of blue, Delphiniums are unequalled, and they can be used either in beds or in clumps among shrubbery or other large perennials. With the return of each season there is an increased quantity of bloom, and an added wealth of color.

They grow from three to five feet high. Plant in a sunny position, in well drained soil. Do not allow seed pods to develop, and they will flower again later in the season.

Our strains of Delphinium are a result of the most careful and painstaking selection, and will produce flowers of the most desirable colors, and size of any we have seen.

*Belladonna.* An improved strain. Flowers exquisite turquoise blue. Height three to four feet.

*Bellamosum.* A form of the above with rich dark blue flowers.

*New Hybrids.* There are the finest Delphiniums to be had. The plants are of vigorous growth and produce mammoth spikes, filled with blossoms of unusual size and substance. The colors are simply exquisite, the petals seeming to fairly glisten. They are separated into light blue shades, dark blue shades, and a grand mixture of every conceivable tone of blue.

Price 35c each, \$3.50 per dozen

## Dianthus

(HARDY GARDEN PINKS)

Especially fine for planting in beds and borders; their delightfully refreshing, spicy odor makes them a wonderful addition to any collection of garden flowers.

*Plumarius.* The old fashioned clove pink with fringed edges, in many colors.

*Hedewigi.* Chinese Pinks. Handsome large double flowers in colors of white, pink and dark red.

*Barbatus.* Sweet William. An attractive free flowering perennial of larger habit of growth than the other Dianthus. Produces a splendid effect when planted either in beds or borders. They thrive to perfection in a good rich soil. Height one to two feet. Colors of white, rose, blood red, crimson, pink, etc.

Price \$1.00 per dozen, \$7.50 per hundred

*Napoleon III.* This is a rare and beautiful variety of hardy Pinks. Perennial and constantly in bloom. The flowers are very double and are a clear even tone of cherry-red, coming on long stems. Very valuable as a cut flower. Does not produce seed, so this variety is always scarce.

Price 20c each, \$2.00 per dozen

*Allwoodi.* New perpetual flowing hardy pinks. This is a most important addition to our list of perennial plants. They are perfectly hardy and flower from early spring until late in the autumn. Flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems. Deliciously clove-scented. They are a cross between the Carnation, and the old fashioned Pink.

*Harold.* Large double, pure white, of great substance.

*Jean.* Pure white, with a deep violet-crimson center.

*Joyce.* Soft rose-pink, with amaranth red center.

*Robert.* A delicate shade of old-rose with light maroon center.

Price 20c each, \$2.00 per dozen

## Digitalis (FOXGLOVE)

The Foxgloves, old-fashioned and stately, are wholesome company in any garden. The strong flower stalks, frequently five to six feet high, rising from rich luxuriant masses of leaves, give an appearance of strength to the hardy border, and during their period of flowering, dominate the whole garden.

*Gloxiniaeflora.* A beautiful strain of finely spotted varieties, white, purple, or rose.

*The Shirley.* (New.) A magnificent strain with flowers of unusual size, ranging in color from purest white, to deepest rose, with the bright shades predominating. Spotted crimson and chocolate. We offer this strain in mixture only.

Price \$1.50 per dozen, \$10.00 per hundred

## Doronicum (LEOPARD'S BANE)

*Excelsum.* Large, bright yellow flowers and one of the most attractive of the early spring flowering perennials. Very effective when planted in mass, and also a splendid flower for cutting, as it carries well, and stands a long time in water, opening out morning after morning. Succeeds in a sunny position in well drained soil.

Price 35c each, \$3.50 per dozen

## Eupatorium (THOROUGH WORT)

*Coelestimum.* An extremely hardy perennial, suitable for the permanent flower border. Of spreading growth, and about three feet high, Ageratum-like lavender-blue flowers, good for cutting. Fall blooming.

Price 35c each, \$3.50 per dozen

## Gaillardia (BLANKET FLOWER)

Among the brightest of our hardy perennials, Gaillardias are very showy and splendid for cutting. The plants need very little care, and when once you have a bed of these established, it is permanent flower bed. They grow about two feet high and begin flowering early in spring, and continue the entire season. They require a sunny position.

*Grandiflora.* Large flowers of gorgeous coloring. The centers are a deep red-brown while the petals are marked with rings of brilliant crimson, orange, yellow, and vermillion, often all combined in one flower.

Price 15c each, \$1.50 per dozen, \$10.00 per hundred

*Portola.* (New.) We consider this one of the most valuable novelties introduced in many years. The plant, unlike the usual type, which is often inclined to be straggly, is of strong upright habit, with heavy, leathery, glaucous foliage. The long flower stems are straight and strong, and hold the massive flowers erect. These are of extraordinary size, three inches and over in diameter; the petals very broad, overlapping, and of great substance, and have a slight twist forming a flower of very graceful, fluffy appearance. In color it is a rich coppery scarlet, each petal heavily tipped with gold.

Price 20c each, \$2.00 per dozen

## Gazania

Much used as a ground cover in parkways and over dry rocky places. Their closely matted foliage makes a complete carpet above which are borne myriads of flowers. Colors, Lemon-yellow and orange.

Price \$1.50 per dozen, \$10.00 per hundred

Flats of one hundred plants \$2.50

## Geum

*Mrs. Bradshaw.* A very showy compact growing perennial, with strawberry-like foliage, bearing double, bright scarlet flowers on very long, branched stems. Especially adapted to rockery planting, and splendid as a bedding plant, and for cutting.

Price 15c each, \$1.50 per dozen

*Lady Stratheden.* A counterpart of the popular scarlet variety, Mrs. Bradshaw, only the blooms are a rich golden yellow.

Price 20c each, \$2.00 per dozen

*Orange Queen.* A fitting companion to the two above varieties, and a new shade of rich orange.

Price 20c each, \$2.00 per dozen



## Gerbera

(TRANSVAAL DAISY)

*Hybrids.* The Transvaal Daisies are greatly admired by all who see them. The Daisy-like flowers are borne singly on long slender stems, which makes them ideal for cutting. The colors are extremely attractive, covering a wide range of shades and hues, such as straw, yellow, orange, scarlet, rich reds, rose, pink, salmon, etc. Ours is a greatly improved strain and produces blossoms of huge size.

Plant in full sunshine, in a well drained soil. Avoid covering the center, or crown, and do not overwater.

Strong field clumps—Price 35c each, \$3.50 per dozen

## Heliotrope

Make splendid bedding plants, and can be used in many parts of the garden. These flower clusters often measure from six to ten inches across and their delightful perfume makes them most desirable in the garden. We have the more dwarf compact in light blue, and rich, deep purple, and also the taller hybrids in various shades.

Price 35c each, \$3.50 per dozen

# Tidy Tips for December

**FLOWER SEEDS** — Sow seeds of Alyssum, Snapdragon, Calendula, Candytuft, Calliopsis, Clarkias, California Poppy, Dianthus, Larkspur, Lupin, Mignonette, Nigella, Nemesia, Pansy, Stocks, Phlox, Sweet Peas, California Wild Flowers.

**PLANTS OF** — Carnation, Canterbury Bells, Columbine, Fox-glove, Pansy, Hollyhock, Pentstemon, Snapdragon, Stocks, Daisies, Verbena, Wallflower, Ranunculus, Anemones.

**BULBS** — Amaryllis, Callas, Gladiolus, Watsonias, Lilies and all Dutch bulbs.

This is a good month to spade over the ground, spread a good thick dressing of dairy fertilizer over the surface and dig the ground as deeply as possible.

Send for 1929 Catalog, ready January 1st, containing Tidy Tips for Spring and Summer.

## Heuchera

**Sanguinea**. (Coral Bells). A most desirable compact plant of easy culture, bearing loose, graceful spikes of little bell shaped flowers of a rosy-coral color. Valuable for the rockery, borders and the fern bed. Also desirable for cutting. Stands a semi-shaded position well.

Price 15c each, \$1.50 per dozen, \$10.00 per hundred

## Hollyhock

The Hollyhock is one of the oldest of cultivated flowers, and is today to be found in almost every garden. They grow with the minimum amount of care and even in many places where they are utterly neglected, they produce a wealth of beauty which is probably not duplicated in any other cultivated flower. In fact, the Hollyhock can be planted in any garden, and in almost any position, except full shade, and still be most effective. We offer a splendid assortment of improved doubles, in red, rose, pink, maroon, yellow, white, salmon, lavender and purple.

Price 3" pot plants \$1.50 per dozen,  
Larger plants 35c each, \$3.50 per dozen

## Hunnemannia

(BUSH ESCHSCHOLTZIA)

**Funariaefolia**. A splendid perennial poppy, with large single yellow flowers of a crepe-like texture, tulip shaped, two or three inches across. Splendid for cutting, blooming over a long period of time. Does best in a warm, rather dry situation.

Price 15c each, \$1.50 per dozen

## Lavandula

(LAVENDER)

**Vera**. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant lavender flowers in July and August.

Price 35c each

## Lobelia

**Cardinalis**. Entirely different from the low growing varieties. Grows two feet high with bronzy-red foliage and brilliant fiery scarlet flowers from July to October. Prefers moist position.

Price 20c each, \$2.00 per dozen

## Lotus

(CORAL GEM)

**Peliorhyncus**. A beautiful trailing vine with feathery grey foliage and brilliant coral red flowers shaped like a parrot's beak. Suitable for hanging baskets, window boxes, porch pots, etc.; likes a sunny position.

Price 20c each, \$2.00 per dozen

## Marguerite

These are splendid for use in the perennial border, as specimen plants, or they may be used to good advantage as borders along driveways, walks, etc. Plant in full sun and keep them cut back from time to time, to keep them sturdy and bushy.

**Mrs. Fred Saunders**. Large double white.

**Boston Yellow**. Splendid single clear yellow.

**Giant**. Single white.

Price 15c each, \$1.50 per dozen

## Myosotis

(FORGET-ME-NOT)

Lovely plants for damp places, spreading rapidly and carpeting the ground. Makes an excellent edging.

**Palustris**. Clear blue. Hardly ever out of flower. Best in partial shade.

**Blue Bird**. A new Forget-me-not. Rich deep blue in color. Blooms over a long period of time. Compact in habit. A favorite with all who have seen it.

Price 15c each, \$1.50 per dozen

## Nepeta

**Glechoma**. (Ground Ivy). Of trailing habit, with variegated foliage, suitable for window boxes, hanging baskets, rockeries, etc.

**Mussini**. An excellent plant for a border, or bed, especially useful in the rock garden. It is of compact habit, forming dense tufts about twelve inches high, with small, crinkly sage-green leaves and masses of small light violet flowers in the summer.

Price 20c each, \$2.00 per dozen

## Nierembergia

**Rivularis**. A charming dwarf creeping Alpine plant with large creamy white cup shaped flowers. Desirable either for the rockery or border.

**Gracilis**. Entirely different in habit from the above, growing about 18 inches high, with narrow foliage and slender stems, forming a bushy plant. Becomes covered with cup shaped lavender-blue flowers about one inch across.

Price 35c each, \$3.50 per dozen

## Papaver

(POPPY)

**Nudicaule**. (Iceland Poppy). Grows about 15 inches high, with bright green fern-like foliage. This plant produces, on long stems, charming cup-like flowers in a gorgeous array of orange, scarlet and white.

**Oriental**. (Oriental Poppy). For gorgeous coloring these poppies have a few rivals among hardy plants. They produce a magnificent effect in shrubberies and hardy borders, while for cutting they are invaluable. The flowers are very large, and the colors are like Chinese lacquer.

Price 25c each, \$2.50 per dozen

## Pentstemon

(BEARD TONGUE)

Pentstemons may be planted in almost any location and at any season of the year, and they will always give most satisfactory results. The new and improved varieties are very effective in the garden as they present a gorgeous display of color and are in flower for a good portion of the year. The varieties listed here are excellent.

**Sensation**. These new hybrids bear large spikes of huge, brightly colored flowers, ranging from pink, rose, red, lavender, into purple.

**Sierra Madre**. A handsome flowering variety in deep rosy red, with lighter center.

Price \$1.50 per dozen, \$10.00 per hundred

### Physostegia (FALSE DRAGON HEAD)

One of the better summer-flowering perennials. Bears long spikes of tube-like flowers. Very hardy and easily grown.

*Virginica.* Long spikes of light pink, blossoms. About three feet high.

*Virginica alba.* A white flowering variety of the above.

*Virginica grandiflora vivida.* A new variety, growing about 18 to 24 inches high, with flowers very much larger and more closely set in the spikes. The color is a bright lavender pink. Very desirable as a cut flower.

Price 35c each, \$3.50 per dozen

### Platycodon

(JAPANESE BELLFLOWER OR BALLOON FLOWER)

*Grandiflorum.* Closely related to the Canterbury Bells, but is very different in form and habit of growth. The flowers in bud have the appearance of inflated balloons. They flower from June to September, and grow well in most any position. Colors are blue and white.

Price 35c each, \$3.50 per dozen

### Plumbago

*Larpentae.* One of the most desirable border and rock plants, and also fine for window boxes. It is of dwarf, spreading habit, and completely covered with the brightest deep blue flowers in the summer and fall months. Prefers some sun-shine.

Price 35c each, \$3.50 per dozen

### Primula

The hardy primroses are among the most useful winter and spring flowers in California, and some of them bloom also throughout the summer. They thrive best in shaded locations where considerable leafmold or peat has been added to the soil. We have also several varieties not mentioned in the following list.

*Auricula.* This is almost a continuous bloomer and is an extremely beautiful thing. The flowers are larger than the *Polyanthus* or Cowslip, and come on long stems with many flowers on one stem. The colors are distinct and different, ranging from the richest coppers and bronzes, through rose, pink, lavender, violet and bright yellow, and all have a contrasting ring or eye in the center. Delightfully fragrant.

Price 25c each, \$2.50 per dozen

*Malacoides.* Baby Primrose. These dainty little flowers are almost a necessary requisite to the late winter and spring flower garden. Their graceful little clusters of light lavender-pink flowers are borne in great quantities on strong wiry little stems.

Price 15c each, \$1.50 per dozen, \$10.00 per hundred

*Obconica.* This strain blooms constantly throughout the early spring and even into summer, and its lavender-purple, and rose colored flowers always add beauty to the shady flower bed.

Price 20c each, \$2.00 per dozen in 3-inch pots

*Kewensis.* This remarkable primrose originated in the Royal Botanic Gardens at Kew, Eng. It is a splendid winter bloomer and has a long blooming season. The bright yellow flowers are quite fragrant, and their long stems make them splendid for show purposes.

Price 20c each, \$2.00 per dozen

*Veris.* (Polyanthus). The old English Cowslip. The brightly colored flowers are borne in clusters during the early spring months when flowers are scarce. The colors are widely varied. Fine for edging.

Price 15c each, \$1.50 per dozen

*Chinensis.* This beautiful Chinese Primrose is a favorite for winter and spring blooming. Especially valuable as a pot plant, or for the shady out-door bed. The flowers are produced in large trusses in a wide range of pink, rose and red shades.

Price 35c each, \$3.50 per dozen

### Rosmarinus (ROSEMARY)

*Officinalis.* An old favorite aromatic herb, delightfully fragrant, flowers light blue, and grows about three feet high.

Price 20c each, \$2.00 per dozen



### Vanderbilt's Hybrid Delphinium

A highly improved strain, greatly superior to the ordinary varieties, producing giant stalks of blossoms, and the individual flowers often measure two inches across. The colors are various shades of metallic blue. The majority of the flowers are of the brightest clear turquoise blue, while some are lighter, some deep blue, and some are bright blue with a jet-black center. Mixed colors only.

Price 35c each, \$3.50 per dozen

### Salvia (SAGE)

*Azorea.* Pretty willow-like growth. Spikes of light blue flowers.

*Patens.* Large, rich, dark blue flowers; does best in partial shade. Flowers not so numerous as in the other varieties.

*Farinacea.* (Meadow Sage). Tall growing, deep blue. Fine for cutting.

*Leucantha.* (Purple Sage). Bears spikes of deep royal purple bloom, like velvet, in dense whorls along a stem six to twelve inches long. Foliage gray green.

Price any of above 25c each, \$2.50 per dozen

*Pitcheri.* This is the finest of all the Blue Sages for decoration purposes. Resembles *Azorea* in habit but is more branching and the flowers are larger and of a deeper blue.

Price 35c each, \$3.50 per dozen



### Saxafraga

*Crassifolia.* These will thrive in almost any soil in a shady position. Their large, glossy, leathery leaves and spikes of clear pink flowers make them doubly admirable for planting in front of shrubbery, in the rockery, or under trees where a mass planting is wanted.

Price 50c each; \$3.50 per dozen

### Scabiosa

*Columbaria* (Perennial)—New. An invaluable flower for cutter flower decorations. An especially fine winter bloomer, and continues in bloom most of the year. Flowers are very lacy, and graceful on long stems, and the colors are exquisite, ranging from beautiful lavender-blue, through delicate mauve to an almost clear pink. Of easy culture.

Price 20c each, \$2.00 per dozen

### Shasta Daisy

(CHRYSANTHEMUM LEUCANTHEMUM)

*Alaska.* A magnificent variety which bears large glistening white flowers, often measuring five inches across, on long stems. The best variety for cutting, as it is a good keeper.

Price \$1.00 per dozen, \$7.50 per hundred

### Solidago

(GOLDEN-ROD)

*Canadensis.* A common, but useful perennial that blends in with the shrubby and perennial flowers. Produces graceful arched sprays of golden yellow flowers.

### Statice

(SEA LAVENDER)

*Caspia.* Bears numerous sprays of tiny pale lavender flowers on long stems. Very popular for mixing with bouquets in the same way as Gypsophila or Baby's breath.

*Latifolia.* The leaves of this variety are a deep green, large and leathery, and grow very close to the ground, above which are thrown panicles of small, lavender-blue flowers which are used in bouquets.

*Perezi.* A sub-shrub. Grows two to three feet high and bears heavily purplish-blue flowers above its blue-green leaves, should have a sunny exposure.

Price 3" pot plants, 15c each, \$1.50 per dozen.

## Thalictrum (MEADOW RUE)

These plants have finely cut foliage which much resembles that of Maidenhair fern, and dainty small flowers in sprays. They grow admirably in the shade, but will stand a certain amount of full sunshine.

*Dipterocarpum.* Though introduced some years ago, this beautiful species is yet but little known. We consider it one of

the real gems among hardy plants, not only for the garden, but its dainty graceful sprays of flowers, elegantly arranged on stems from four to five feet high, are invaluable for cutting; the flowers are of a charming shade of violet-mauve, which is brightened by a bunch of yellow stamens and anthers.

Price 35c each, \$3.50 per dozen

## Trachelium

*Caeruleum.* An attractive late flowering perennial native of the Mediterranean region. Bears feathery deep lavender flowers in dense clusters around a small crown at the terminal end of a wiry stem. About three feet high. Gool in most any soil and exposure.

Price 35c each, \$3.50 per dozen

## Valeriana (VALERIAN)

*Rubra.* Branches freely at the base, and forms numerous flower stalks which are densely covered with smooth green leaves, and bears clusters of airy flowers almost continually. One of the easiest perennials to grow, and will run wild in the garden if neglected. We have white and a rose-red variety.

Price 20c each, \$2.00 per dozen

## Verbena

One of the most popular plants grown. For beds, borders and window boxes, it is particularly fine. The clusters of showy and often fragrant flowers are borne in constant succession almost the year around.

Our stock includes the mammoth flowering varieties in all colors including lavender purple, red, pink, white, rose, and blue. Our mammoth strain has immense heads with the individual florets often as large across as a half dollar. We also grow the Auricula flowered type, with their large umbels of white-eyed flowers.

Price \$1.50 per dozen, \$10.00 per hundred

## Veronica

*Amethystina.* A charming creeping variety with low closely matted foliage, above which are borne numerous spikes of deep blue flowers. Fine for ground-cover, rock-work, window boxes and borders.

Price 15c each, \$1.50 per dozen, \$10.00 per hundred

*Longifolia subsessilis.* A very showy variety forming a bushy plant, two to three feet high, with long dense spikes of a dark blue, fine for cutting. Grows well in partial shade or full sun.

Price 25c each, \$2.50 per dozen

*Spicata.* A very desirable plant for the perennial border. Grows 1½ to 2 feet high, bearing long slender spikes of bright blue flowers during the summer months.

Price 25c each, \$2.50 per dozen

## Viola

*Jersey Gem.* A new perennial viola and the most valuable bedding variety yet introduced. Succeeds in any good garden soil in full sun or will stand considerable shade. Blooms continuously from early spring until late in the fall, and when grown in the sun the flowers are borne in wonderful profusion. The flowers are the purest violet-blue, with no shading, and resemble huge violets on long stems. Good for cut flowers and a valuable plant for a border or rockery, as well as bedding.

Price 35c each, \$3.50 per dozen

## Violets

Splendid for shady locations and will also do well in the full sunshine, if given plenty of moisture.

*Princess of Wales.* This is the largest and finest violet grown. Flowers are clear violet-blue and on stems of extra length and substance. Very fragrant.

Price \$1.00 per dozen, \$7.50 per hundred

## INDEX

Acanthus	24	Chinese Lily	6	Hollyhock	16-28	Primrose	17-29
Aconitum	24	Chrysanthemum	30	Hunnemannia	16-28	Primula	17-29
African Daisy	15-23	Cineraria	15-22	Hyacinth	5	Pyrethrum	17
Agapanthus	4	Clarkia	15-23	Iberis	15	Queen Ann's Lace	15
Agathea	24	Coral Bells	23	Iris	3-12-13	Ranunculus	2-18
Ajuga	24	Coral Gem	23	Ixia	3	Reseda	17
Alstroemeria	4	Coreopsis	26	Jonquil	7	Rock Cress	24
Alyssum	14-24	Cornflower	15-22	Lace Flower	15	Rosemary	29
Amaryllis	4	Crocus	7	Lapeyrouzia	4	Rosmarinus	29
Anchusa	24	Daffodil	6-7	Larkspur	15-16-23-26-29	Sage	29
Anemone	2-14-24	Daisy	14-15-22-23-24-25-27-30	Lavandula	28	Salvia	29
Antirrhinum	14-22	Day Lily	4	Lavender	28	Saxifraga	30
Aquilegia	14-24	Delphinium	15-26-29	Leopard's Bane	27	Scabiosa	18-23-30
Arabis	24	Dianthus	25-26	Leucocum	3	Schizanthus	17-23
Artemesia	25	Didiscus	15	Lilium	9	Scilla	4
Aster	25	Digitalis	15-27	Lily	4-9	Sea Lavender	30
Baby Blue-Eyes	17	Dimorphotheca	15-23	Lily of the Nile	4	Shasta Daisy	30
Baby's Breath	16	Donorium	27	Lobelia	28	Shell Flower	26
Balloon Flower	29	Dusty Miller	15-26	Lotus	28	Snapdragon	14-22
Baptisia	25	Elephant's Ear	4	Lupin	17	Snowdrop	3
Batchelors Button	15-22	English Daisy	14-22	Marguerite	28	Snowflake	3
Beard Tongue	14-28	Eschscholtzia	18	Marigold	15-22	Snow-in-summer	26
Bear's Breach	24	Eupatorium	27	Meadow Rue	30	Solidago	30
Begonia	25	Everlasting	23	Michaelmas Daisy	25	Sparaxis	3
Bell Flower	25-29	False-Dragon-Head	29	Mignonette	17	Spiraea	26
Bellis	14-22	Ferns	13	Monk's Hood	24	Squill	4
Blanket Flower	27	Flame Freesia	4	Montbretia	3	Star of Bethlehem	4
Blue Daisy	24	Forget-me-not	28	Muscari	4	Statice	30
Bugle	24	Foxglove	15-27	Myosotis	17-28	Stocks	19-23
Butterfly Flower	17	Freesia	3	Narcissus	6-7	Strawflower	16-23
Caladium	4	Gaillardia	15-27	Nemophila	17	Sweet Alyssum	14-24
Calceolaria	25	Galanthus	3	Nepea	28	Sweet Pea	20-21
California Poppy	18	Gazania	27	Niereembergia	28	Sweet Sultan	15-22
California Wildflower	15	Gerbera	27	Ornithogalum	4	Thalictrum	30
Calendula	15-22	Gilliflower	19-23	Pansy	17-23	Trachelium	30
Calla	4	Gladiolus	3-10-11	Papaver	18-28	Transvaal Daisy	27
Campanula	25	Godetia	15-23	Pentstemon	14-28	Tritonia	4
Candytuft	15	Golden-Glow	29	Petunia	18	Tuberose	4
Canna	11	Goldenrod	30	Phlox	23	Tulip	8
Canterbury Bell	25	Grape Hyacinth	4	Physostegia	29	Valeriana	30
Carnation	25	Ground Ivy	28	Pincushion	18-23	Verbena	30
Caryopteris	26	Gypsophila	16	Pinks	26	Veronica	30
Centaurea	15-22-26	Helichrysum	16-23	Platycodon	29	Viola	19-30
Cerastium	26	Heliotrope	27	Plumbago	29	Violet	30
Chaenostoma	26	Hemerocallis	4	Poppy	18-28	Wallflower	19
Chelone	26	Heuchera	28			Watsonia	4



### PLEASE OBSERVE WHEN ORDERING

#### HOW TO ORDER:

Write plainly your name, town, and state, giving street numbers or post office when expedient.

#### TERMS:

All prices in catalog are F. O. B. Los Angeles.

Seeds will be sent prepaid at catalog prices. Bulbs in small quantities are shipped prepaid. In orders of fifty or more, bulbs are sent Express collect, unless order is accompanied by a sufficient remittance to cover postage.

All plants are shipped Express collect, and all orders must be cash. No plants will be sent C. O. D. Remit in any safe way—Post Office Money Order, Express Order or personal check on local banks are best. Postage stamps will be accepted in amounts up to one dollar.

In applying prices, not less than six will be sold at the dozen rate, or fifty at the hundred rate. All goods travel at purchaser's risk and at purchaser's expense unless otherwise listed.

### PAUL J. HOWARD'S HORTICULTURAL ESTABLISHMENT

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#### NON WARRANTY:

We give no warranty expressed or implied as to purity, description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are to be at once returned, and the money paid for same will be refunded.

#### FILLING ORDERS:

All orders are filled promptly, usually on the day of receipt.

In ordering, please state whether substitution will be permitted as we feel at liberty, when no instructions accompany the order, to replace any varieties out of stock with others as nearly similar as possible. When a certain variety is selected which we feel not suited to the customer's locality, or when a variety has been superseded by another which is superior, we also feel at liberty to substitute.

## ADEQUATE WATERING A NECESSITY

The lack of rainfall during much of the year is the cause of many plant losses. Many people are deceived in thinking that the light rains are sufficient to insure adequate moisture for the plants in their gardens when as a matter of fact these showers often affect only the surface and do not penetrate the soil sufficiently to reach the root system. It is especially important that enough water be supplied to furnish moisture to the roots of plants that have only recently been planted.

Regardless of how carefully transplanting is done plants cannot and will not thrive unless proper moisture is supplied. The fibrous roots are really the feeders—it is through these tiny roots that the moisture and plant food is supplied for the development of the plant. For this reason young plant life requires special attention during the first year. In fact two or three times as much water is needed the first season as will be required after the plants have become firmly established.

A good method to follow in caring for newly planted trees, shrubs, and roses is to hollow out a basin a few inches from the base of the plant and fill this basin with water two or more times according to the condition of the soil. By this method the water is held near the plant until it has time to penetrate the soil and thoroughly saturate the root system. After the soil has become sufficiently dry, cultivate to avoid baking. A good soaking once or twice each week will usually be sufficient.

In addition to watering the roots, the tops and foliage of plants should be syringed. The early morning is best for spraying and washing the tops as many plants suffer from scalding when water is applied in the heat of the day.

Grass plots and new lawns require a continuous and even moisture, for this reason the surface of the soil must be carefully observed and sprinkled several times each day until the roots have attained a depth sufficient to reach into the soil.

Good judgment must be exercised in watering as too much water will be equally as detrimental as not enough. Do not allow the ground to become over saturated to a point where the water stands in any place. Allow the surface to become dry enough to cultivate after each watering and keep the soil well loosened around growing plants and in flower beds.

Only with adequate care can anyone expect to obtain satisfactory results from even the best of nursery stock.

## MULCHING SHRUBBERY, TREES, AND FLOWER BEDS

We have learned that mulching is extremely beneficial to plants as well as effective as a moisture retainer. Dry bean straw is good among shrubbery and around trees. This may be applied two to three inches deep and after the summer is over it can be worked into the soil as a loosener and plant food. For flower beds nothing equals a tobacco mulch. Ground tobacco leaves and stems serve a three fold purpose. This preparation serves as a mulch to conserve moisture and avoid baking of the ground, it supplies considerable plant food and humus and its nicotine content eliminates many insect pests that harbor in the soil under other mulch materials.

We supply "Maidell" Tobacco humus in 100 lb. sacks at \$4.50 per single sack, five sacks \$4.00 per sack, ten sacks \$3.75 per sack. One sack is sufficient to mulch 300 to 500 square feet.



## Designing a Garden as a Part of the Home

*The fundamental purpose* of all the arts is to give pleasure and comfort to the persons who see or use that which is created. People are affected by their environment, so the garden should be created for the purpose of giving both beauty and comfort.

*Landscape Architecture* is the art of design; the arrangement of all buildings, drives, walks, gardens, lawns, as well as the plantings in the landscape. The well-planned landscape garden like the master landscape painting expresses and emphasizes some particular thought or feeling. It may express gayety or quietness, it may be extensive or limited, but it will represent a complete picture and not a mere collection of garden objects.

*It is not enough to plant;* each plant must be in the right place, for mere planting and grading does not constitute a well-planned garden, in fact, they often spoil it. It is the duty of that person who plans and plants a garden to secure from it the most that can possibly be created, giving due consideration to the purpose for which that particular piece of work is designed.

*Designing and executing effective Landscape* settings for homes of all types has been our specialty for more than a score of years. Our success may be judged by our steady growth from one of the smallest to one of the largest organizations on the Pacific Coast.

We would be pleased to tell you about  
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Delphinium  
Delphinium